



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Postgraduate Courses 2017



Contents

| | |
|-----------------------------------------------------------------|-----------|
| Welcome from the Dean of Graduate Studies | 04 |
| Why Choose Trinity? | 06 |
| University Rankings | 06 |
| International Reputation for Research and Teaching Excellence | 06 |
| Location | 06 |
| International Reach | 06 |
| Student Supports | 06 |
| Student Life | 06 |
| Distinguished Alumni | 06 |
| Trinity's Location | 06 |
| Student Life at Trinity | 09 |
| Student Societies | 09 |
| Sports Clubs | 09 |
| Sports Facilities | 09 |
| Sports Scholarship/Bursary Programme | 09 |
| Theatres, Galleries and Museums | 09 |
| Restaurants and Coffee Shops | 09 |
| Accommodation | 09 |
| Student Services | 10 |
| Academic Registry | 10 |
| Careers Advisory Service | 10 |
| Chaplaincy | 10 |
| College Health Service | 10 |
| Day Nursery | 10 |
| Disability Service | 10 |
| Graduate Students' Union | 10 |
| Postgraduate Advisory Service | 10 |
| Student Counselling Service | 10 |
| Learning Supports | 10 |
| Library | 10 |
| IT Services for Students | 11 |
| International Students | 11 |
| Employment | 11 |
| Language Requirements | 11 |
| Visa Requirements | 11 |
| Postgraduate Research at Trinity | 13 |
| Research Institutes and Centres | 13 |
| Postgraduate Research Students | 13 |
| Funding Opportunities for Research Students | 14 |
| Postgraduate Study at Trinity | 14 |
| Postgraduate Students Undertaking Taught Courses | 14 |
| Postgraduate Students Not Reading for a Higher Degree | 14 |
| Directors of Teaching and Learning (Postgraduate) | 14 |
| University Course Regulations | 14 |
| Teaching Terms | 14 |
| Registration | 14 |
| Postgraduate Orientation Day | 14 |
| Graduation | 14 |
| Fees | 17 |
| Fieldwork Costs, Costs of Preparations of Thesis / Dissertation | 17 |
| How to Apply | 17 |
| Online applications | 17 |
| Contact Us | 17 |

Arts, Humanities & Social Sciences**18**

| | |
|--------------------------------------------------------------|-----------|
| School of Business | 20 |
| Digital Marketing Strategy (M.Sc.) | 21 |
| Finance (M.Sc.) | 22 |
| Financial Risk Management (M.Sc./P.Grad.Dip) | 22 |
| International Management (M.Sc.) | 23 |
| Management (M.Sc.) | 23 |
| Marketing (M.Sc./P.Grad.Dip) | 23 |
| Master in Business Administration (M.B.A.) | 24 |
| Postgraduate Diploma in Accounting | 24 |
| School of Creative Arts | 25 |
| Film Studies – Theory History Practice (M.Phil.) | 26 |
| Playwriting (M.F.A.) | 27 |
| Stage Design (M.F.A.) | 28 |
| Theatre Directing (M.F.A.) | 28 |
| Theatre and Performance (M.Phil.) | 29 |
| Music Composition (M.Phil.) | 29 |
| School of Education | 31 |
| 21st Century Teaching and Learning (P. Grad. Cert.) | 32 |
| Master in Education (M.Ed.) | 32 |
| Professional Masters Education (P.M.E.) | 33 |
| School of English | 34 |
| Children's Literature (M.Phil. / P.Grad.Dip.) | 35 |
| Creative Writing (M.Phil.) | 36 |
| Digital Humanities and Culture (M.Phil.) | 36 |
| Irish Writing (M.Phil. / P.Grad.Dip.) | 37 |
| Literatures of the Americas (M.Phil.) | 38 |
| Popular Literature (M.Phil.) | 38 |
| School of Histories and Humanities | 39 |
| Art History (M.Phil. / P.Grad.Dip.) | 40 |
| Classics (M.Phil. / P.Grad.Dip.) | 41 |
| Early Modern History (M.Phil. / P.Grad.Dip.) | 41 |
| Gender and Women's Studies (M.Phil. / P.Grad.Dip.) | 42 |
| Medieval History (M.Phil. / P.Grad.Dip.) | 42 |
| Modern Irish History (M.Phil. / P.Grad.Dip.) | 43 |
| Public History and Cultural Heritage (M.Phil. / P.Grad.Dip.) | 43 |
| School of Languages, Literatures and Cultural Studies | 44 |
| Comparative Literature (M.Phil.) | 46 |
| Early Irish (M.Phil.) | 46 |
| European Studies (M.Phil.) | 46 |
| Literary Translation (M.Phil.) | 47 |
| Medieval Language Literature and Culture (M.Phil.) | 48 |
| Old Irish (P.Grad.Dip.) | 48 |
| Textual and Visual Studies (M.Phil.) | 49 |

| | | | | | | | |
|---------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------|------------|
| School of Law | 50 | Engineering, Mathematics & Science | 87 | Health Sciences | 117 | School of Nursing and Midwifery | 141 |
| International and Comparative Law (LL.M.) | 51 | School of Biochemistry and Immunology | 88 | School of Dental Science | 118 | Advanced Nurse Practitioner – Emergency Department (M.Sc./P.Grad.Dip.) | 142 |
| International and European Business Law (LL.M.) | 52 | Immunology (M.Sc.) | 89 | Clinical Dental Technology (P.Grad.Dip.) | 119 | Children's Nursing (H.Dip.) | 143 |
| International and European Intellectual Property Law (LL.M.) | 52 | School of Chemistry | 90 | Clinical Dentistry (P.Grad.Dip.) | 120 | Clinical Health Sciences Education (M.Sc. / P.Grad.Dip.) | 143 |
| Laws (LL.M.) | 53 | School of Computer Science and Statistics | 91 | Conscious Sedation in Dentistry (P.Grad.Dip.) | 120 | Community Health (M.Sc. / P.Grad.Dip.) | 144 |
| School of Linguistic, Speech and Communications Sciences | 54 | Computer Science (Data Science) (M.Sc.) | 92 | Dental Surgery (D.Ch.Dent.) | 121 | Dementia (M.Sc. / P.Grad.Dip.) | 145 |
| Applied Linguistics (M.Phil. / P.Grad.Dip.) | 56 | Computer Science (Future Networked Systems) (M.Sc.) | 93 | Special Care Dentistry (P.Grad.Dip.) | 122 | Dementia (P. Grad. Cert.) (Online) | 145 |
| Chinese Studies (M.Phil. / P.Grad.Dip.) | 57 | Computer Science (Graphics and Vision Technologies) (M.Sc.) | 93 | School of Medicine | 123 | Gerontological Nursing (M.Sc. / P.Grad.Dip.) | 146 |
| Clinical Speech and Language Studies (Dysphagia) (P.Grad.Dip.) | 58 | Computer Science (Intelligent Systems) (M.Sc.) | 94 | Advanced Radiation Therapy Practice – Clinical Practice (Online P.Grad. Certificate/ P.Grad. Diploma) | 125 | Mental Health (M.Sc. / P.Grad.Dip.) | 146 |
| Clinical Speech and Language Studies (M.Sc.) | 58 | Interactive Digital Media (M.Sc.) | 94 | Advanced Radiation Therapy Practice – Clinical Practice (Online Masters) | 125 | Midwifery (H.Dip.) | 147 |
| English Language Teaching (M.Phil. / P.Grad.Dip.) | 59 | Management of Information Systems (M.Sc.) | 95 | Advanced Radiation Therapy Practice – Treatment Planning (Online Masters) | 125 | Midwifery (M.Sc. / P.Grad.Dip.) | 148 |
| Linguistics (M.Phil. / P.Grad.Dip.) | 60 | Statistics (P. Grad. Cert.) | 95 | Advanced Radiotherapy Practice (M.Sc. / P.Grad.Dip.) | 126 | Nursing (M.Sc.) | 148 |
| Speech and Language Processing (M.Phil. / P.Grad.Dip.) | 61 | School of Engineering | 96 | Biological Psychiatry (M.Sc. / P.Grad.Dip.) | 127 | Nursing (Nursing/ Midwife Prescribing) (Certificate) | 149 |
| School of Psychology | 62 | Applied Building Repair and Conservation (P.Grad.Dip.) | 97 | Biomedical Sciences –Intercalated (M.Sc. / P.Grad.Dip.) | 127 | Nursing (Specialist Nursing) (M.Sc. / P.Grad. Dip.) | 149 |
| Applied Behaviour Analysis (M.Sc.) | 64 | Bioengineering (M.Sc. / P.Grad.Dip.) | 98 | Cardiology (M.Sc.) | 127 | Nursing – Child Health and Wellbeing (M.Sc./P.Grad.Dip.) | 150 |
| Applied Psychology (M.Sc.) | 65 | Construction Law and Contract Administration (P.Grad.Dip.) | 99 | Cardiovascular Rehabilitation and Prevention (M.Sc. / P.Grad.Dip.) | 128 | Palliative Care (M.Sc. / P.Grad. Dip.) | 151 |
| Clinical Psychology (D.Clin.Psych.) | 65 | Engineering (Environmental / Structural and Geotechnical / Transport) (M.Sc/P.Grad.Dip) | 99 | Clinical Chemistry (M.Sc. / P.Grad.Dip.) | 128 | Specialist Practice (P.Grad.Cert.) | 151 |
| Clinical Supervision (M.Sc. / P.Grad.Dip.) | 66 | Engineering (Sustainable Energy) (M.Sc/ P.Grad.Dip) | 100 | Clinical Exercise (Online Certificate) | 128 | School of Pharmacy and Pharmaceutical Sciences | 153 |
| Counselling Psychology (D.Couns.Psych.) | 66 | Engineering (by Module) (M.Sc) | 101 | Cognitive Psychotherapy (M.Sc.) | 129 | Community Pharmacy (M.Sc. / P.Grad.Dip.) | 154 |
| Managing Risk and System Change (M.Sc./P.Grad.Dip.) | 67 | Environmental Engineering (P.Grad.Dip.) | 102 | Cognitive Psychotherapy (P.Grad.Dip.) | 130 | Hospital Pharmacy (M.Sc.) | 155 |
| Psychoanalytic Studies (M.Phil. / P.Grad.Dip.) | 68 | Fire Safety Practice (P.Grad.Dip.) | 102 | Exercise Physiology (M.Sc. / P.Grad.Dip.) | 131 | Pharmaceutical Manufacturing Technology (M.Sc. / P.Grad. Dip.) | 155 |
| Psychology (Conversion Course) | 69 | Health and Safety in Construction (P.Grad.Dip.) | 103 | Global Health (M.Sc.) | 131 | Pharmaceutical Sciences (M.Sc. / P.Grad. Dip.) | 156 |
| Psychology (H.Dip) Psychology Conversion Course | 69 | Music and Media Technologies (M.Phil. / P.Grad.Dip.) | 103 | Health Services Management (M.Sc.) | 132 | Pharmaceutical Technology (M.Sc. / P.Grad. Dip.) | 156 |
| Confederal School of Religions, Peace Studies and Theology | 70 | Physical Planning (P.Grad.Dip.) | 104 | Healthcare Infection Management (M.Sc.) | 132 | The Innovation Academy | 157 |
| Christian Theology (M.Phil. / P.Grad.Dip.) | 71 | Project Management (P.Grad.Dip.) | 104 | Implementation Science (P. Grad. Cert.) | 133 | Postgraduate Certificate in Innovation & Entrepreneurship | 158 |
| Conflict Resolution and Reconciliation (M.Phil. / P.Grad.Dip.) | 72 | Sustainable Energy (P.Grad. Dip) | 105 | Master in Medicine (M.M. /P. Grad. Dip.) | 134 | | |
| Conflict and Dispute Resolution Studies (P.Grad.Dip.) | 73 | School of Genetics and Microbiology | 106 | Medical Imaging (M.Sc. / P.Grad.Dip.) | 134 | | |
| Divinity (B.D.) | 73 | School of Mathematics | 108 | Molecular Medicine (M.Sc.) | 135 | | |
| Intercultural Theology and Interreligious Studies (M.Phil. / P.Grad.Dip.) | 74 | High Performance Computing (M.Sc. / P.Grad.Dip.) | 109 | Molecular Medicine (P.Grad.Dip) | 136 | | |
| International Peace Studies (M.Phil.(Peace Studies) / P.Grad.Dip.) | 74 | School of Natural Sciences | 110 | Neuroscience (M.Sc.) | 136 | | |
| Theological Studies (M.Th) | 75 | Biodiversity and Conservation (M.Sc. / P.Grad.Dip.) | 111 | Occupational Therapy (M.Sc.) | 137 | | |
| School of Social Sciences and Philosophy | 76 | Development Practice (M.Sc. /P.Grad.Dip.) | 112 | Pharmaceutical Medicine (M.Sc. / P.Grad. Dip.) | 138 | | |
| Comparative Social Change (M.Sc.) | 77 | Environmental Sciences (M.Sc. / P.Grad.Dip.) | 113 | Physical Sciences in Medicine (M.Sc. / P.Grad. Dip.) | 138 | | |
| Economics (M.Sc. / P.Grad.Dip.) | 78 | School of Physics | 115 | Psychoanalytic Psychotherapy (M.Sc. / P.Grad. Dip.) | 139 | | |
| International Politics (M.Sc. / P.Grad.Dip.) | 78 | | | Respiratory Physiotherapy (M.Sc. / P.Grad. Dip.) | 139 | | |
| Philosophy (M.Phil.) | 79 | | | Sports and Exercise Medicine (M.Sc.) | 140 | | |
| Race, Ethnicity, Conflict (M.Phil.) | 79 | | | Translational Oncology (M.Sc.) | 140 | | |
| School of Social Work and Social Policy | 80 | | | | | | |
| Applied Social Research (M.Sc.) | 81 | | | | | | |
| Applied Social Studies (P. Grad. Dip.) (Online) | 82 | | | | | | |
| Child Protection and Welfare (M.Sc. / P.Grad.Dip.) | 82 | | | | | | |
| Child Protection and Welfare (P.Grad.Dip.) | 83 | | | | | | |
| Disability Studies (M.Sc. / P.Grad.Dip.) | 83 | | | | | | |
| Social Work (M.S.W. / P.Grad.Dip.) | 84 | | | | | | |
| Social Work Research (M.Phil.) | 84 | | | | | | |

Welcome from the Dean of Graduate Studies



Trinity College Dublin, the University of Dublin is Ireland's leading university, steeped in history with a reputation for excellence in education, research and innovation.

While this year marks 425 years since the University was founded, our research facilities and institutes sit right in the twenty first century. Our research strengths span the Natural Sciences; Health sciences such as Medicine, Nursing, Pharmacy and Dentistry; Engineering, Computer Sciences and Mathematics; Business, Law, Psychology as well as other Arts, Humanities and Social Science subjects, a spectrum that is mirrored by our broad range of taught postgraduate courses and research opportunities at master's and doctorate level.

As a research-led university, our students are given the opportunity to work alongside inspiring professors – global leaders in their fields – in a common enterprise of discovery. The Trinity curriculum isn't just about imparting knowledge; it's aimed at developing the critical faculties of the mind, through freedom of expression, willingness to engage in debate, and original research.

Employers worldwide hold Trinity graduates in high esteem. The university has produced generations of outstanding graduates. Some of the most famous people in Irish history have been educated here: writers like Oscar Wilde and Samuel Beckett; scientists like William Rowan Hamilton and E.T.S. Walton, who won the Nobel Prize for splitting the atom; William Campbell, recently awarded the Nobel Prize in Medicine as well as two Irish presidents and many industry leaders and entrepreneurs. As a truly international university, we welcome applications from prospective postgraduate students anywhere in the world.

Trinity's commitment to online education is demonstrated through an increasing number of online postgraduate and continuing professional development (CPD) courses offered; these include the Postgraduate Diploma/MSc in Applied Social Studies, Postgraduate Certificate in Dementia, Postgraduate Certificate/Diploma in Advanced Radiotherapy Practice, MSc in Managing Risk and System Change, and Postgraduate Certificate in Clinical Exercise, all delivered online. Two new online CPD courses in Legal Training for Child Welfare Practitioners and Dysphagia have also been launched commencing in February 2017. These courses represent the first of many online postgraduate courses Trinity plans to offer over the coming years.

I hope you will consider Trinity as your university of choice for postgraduate study, for an exciting new journey that will open your mind to new experiences, ways of thinking and friendships, many of which will last for a lifetime. And I hope that this prospectus is a useful resource for you as you seek to find the perfect field of postgraduate study to meet your needs and aspirations.

I look forward to welcoming you, as a postgraduate student, to Trinity College Dublin, the University of Dublin.

Professor Neville Cox, Dean of Graduate Studies
Trinity College Dublin, the University of Dublin



Why Choose Trinity?

University Rankings

Trinity College Dublin, the University of Dublin is Ireland's top ranked university, and the only Irish university in the world top 100 universities (QS World University Rankings 2016).

International Reputation for Research and Teaching Excellence

Trinity is Ireland's leading university, recognised internationally for excellence in education and research, and most importantly, our graduates are held in high esteem by employers worldwide. Trinity offers an exceptional educational experience centred on a research-inspired curriculum. As a community of staff and students, Trinity brings together world-class experts across all disciplines, and teaching and research become part of the same collaborative experience.

Location

Trinity is situated in the heart of Dublin's city centre, at the centre of the country's transport hub, in a beautiful campus which contains a wonderful mix of modern and historic facilities, including the country's largest research library.

International Reach

Trinity has students and staff from 118 different nationalities on campus, making it a truly diverse and international campus.

Student Supports

Supports including Graduate Students' Union, an excellent Careers Advisory Service to help you find employment and an Alumni Career Network to support you after graduation.

Student Life

Trinity offers students an unparalleled experience, with 120 societies and 48 sports clubs. Course specific social events are also arranged for you to get to know your new classmates.

Distinguished Alumni

Over the past four centuries Trinity graduates have played a leading role on the world stage; Nobel prize-winners and presidents of Ireland have attended Trinity or taught there. Physicist and Nobel Laureate Ernest Walton; Samuel Beckett, author of *Waiting for Godot*; Jonathan Swift, the creator of *Gulliver* and Bram Stoker, who wrote *Dracula*, all attended Trinity. In 2015, Trinity Graduate William Campbell received the Nobel Prize in Medicine.

Trinity continues to educate innovative thinkers with the independent and critical-thinking skills that are valued by employers. Graduates from Trinity have founded more venture-backed companies than graduates from any other European university over the past 10 years according to independent research from Pitchbook. Trinity was Europe's highest placed university in Pitchbook's Universities Report for the second year running in 2016.

Trinity's Location

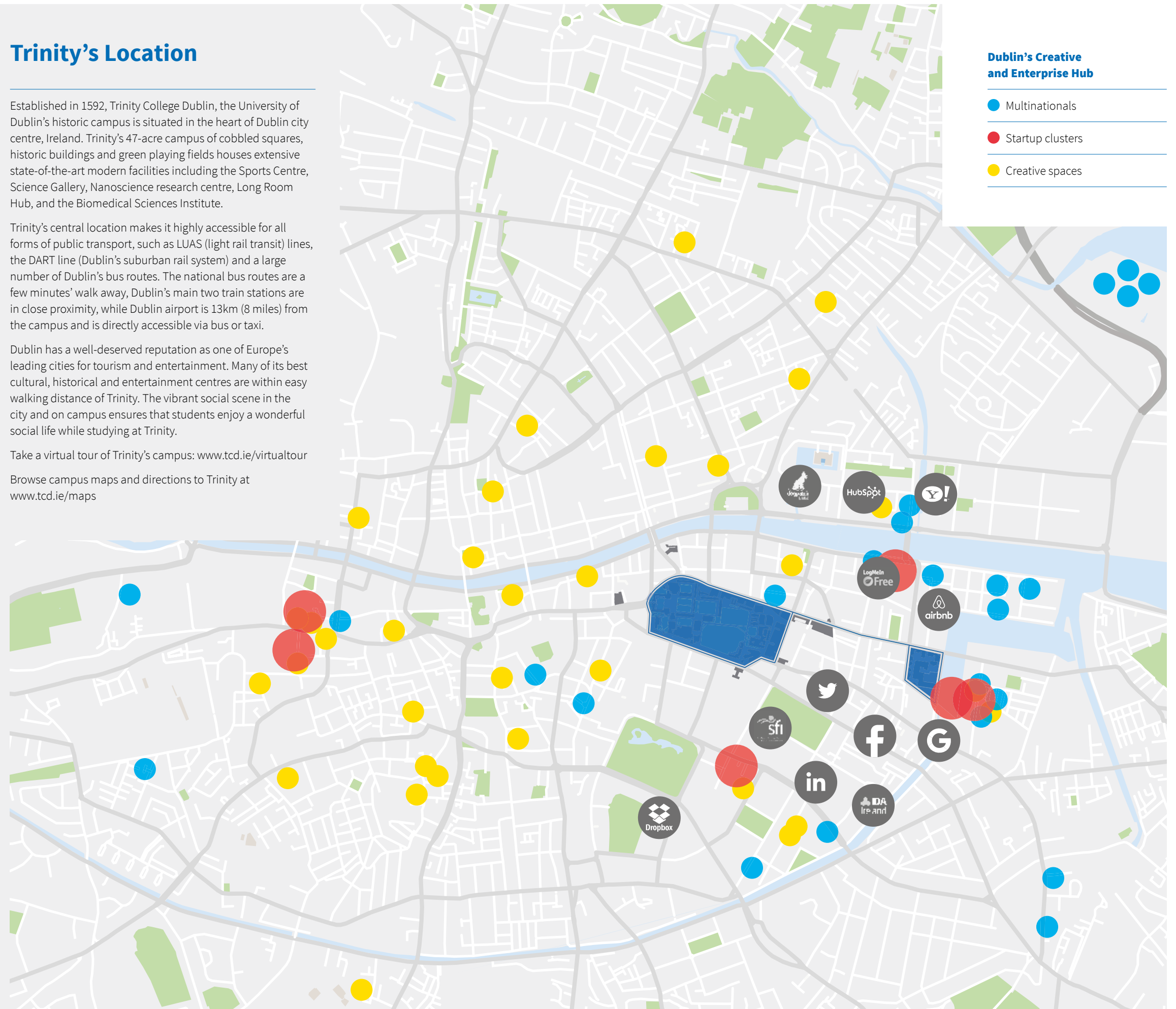
Established in 1592, Trinity College Dublin, the University of Dublin's historic campus is situated in the heart of Dublin city centre, Ireland. Trinity's 47-acre campus of cobbled squares, historic buildings and green playing fields houses extensive state-of-the-art modern facilities including the Sports Centre, Science Gallery, Nanoscience research centre, Long Room Hub, and the Biomedical Sciences Institute.

Trinity's central location makes it highly accessible for all forms of public transport, such as LUAS (light rail transit) lines, the DART line (Dublin's suburban rail system) and a large number of Dublin's bus routes. The national bus routes are a few minutes' walk away, Dublin's main two train stations are in close proximity, while Dublin airport is 13km (8 miles) from the campus and is directly accessible via bus or taxi.

Dublin has a well-deserved reputation as one of Europe's leading cities for tourism and entertainment. Many of its best cultural, historical and entertainment centres are within easy walking distance of Trinity. The vibrant social scene in the city and on campus ensures that students enjoy a wonderful social life while studying at Trinity.

Take a virtual tour of Trinity's campus: www.tcd.ie/virtualtour

Browse campus maps and directions to Trinity at www.tcd.ie/maps





Student Life at Trinity

Student Societies

With 120 student societies today, student societies have been an essential part of life at Trinity since the 17th century. The Historical Society (the “Hist”) and the Philosophical Society (the “Phil”) date back to 1770 and 1684 respectively. www.trinitysocieties.ie

Sports Clubs

We have 48 sports clubs to choose from, ranging from badminton and squash to hockey, rugby, rowing and sailing. Individuals and adventure seekers will also find options in clubs such as climbing and potholing. Get more information at www.ducac.tcdlife.ie.

Sports Facilities

In addition to the rugby, soccer and cricket pitches on campus, there is the Sports Complex which contains a six lane swimming pool with sauna and steam rooms. The pool has a floating floor so the depth can be adjusted to cater for activities from beginners’ lessons to scuba training and water polo. Other facilities include three large sports halls, fitness and aerobic studios, reflexology and other holistic treatments. A striking element of the building is the spectacular climbing wall which is visible for almost the entire height of the Sports Complex. The University also hosts outdoor synthetic grass tennis courts, a rifle range, croquet lawn as well as further pitches and a boathouse off campus. www.tcd.ie/sport

Sports Scholarship/Bursary Programme

This scheme aims to support athletes with the highest sporting potential. Financial assistance, physiological and fitness assessment, and personal development can all be provided to qualifying students. www.tcd.ie/sport/scholarship

Theatres, Galleries and Museums

Theatres – Trinity contains four theatres, the Samuel Beckett Theatre, Players Theatre and two theatres in The Lir Academy. During term time the Samuel Beckett Theatre and The Lir’s theatres showcase the work of students taking drama and professional acting courses, such as Twelfth Night, Scenes from The Big Picture, Into the Woods, as well as performances directed and designed by some of Ireland’s leading theatre practitioners. The Samuel Beckett Theatre has hosted visits from some of the most prestigious dance and theatre companies from Ireland, Europe, Asia and the United States.

Science Gallery – Make sure to visit the free, cutting-edge exhibitions and events at Science Gallery on the Trinity campus. The antithesis of the dusty museum, Science Gallery is an ultra-modern, creative space where science and art collide, where white-hot scientific issues are thrashed out and you can have your say. Recent exhibitions include FAIL BETTER, which explored the truth in the old adage “if at first you don’t succeed,” and BLOOD, which investigated the captivating artistic and scientific qualities of the essential liquid.

Museums – Trinity’s Herbarium is the only plant taxonomic research centre in Ireland and one of the few in Europe. The Zoology museum’s 30,000 specimens include objects of historic interest such as Baltic glass models, 19th century entomological examples, the extinct Great Auk and a complete skeleton of the Great Irish Elk. The Geology Museum, built in the 19th century, contains 50,000 paleontological specimens, 7,000 mineralogical and 15,000 petrological specimens. The Weingreen Museum houses exhibits dating from 9,000 BC to the crusades in the 13th century AD. The exhibits in the Museum of Biblical Antiquities encompass the entire Mediterranean world from North Africa to the cradle of civilisation in Mesopotamia.

Restaurants and Coffee Shops

Students can choose from a wide range of restaurants and coffee shops to suit all tastes and budgets, including:

- The modern BATTERY Food Court with a hot food counter, deli counter, and gourmet coffee shop.
- The Old Dining Hall, where lunch is enjoyed in traditional splendour.
- Westland Eats: Located in the Hamilton building, this is the newest eatery on campus offering a choice of three distinct food offers. It includes a Costa Cafe, Gastro (hot food offer) along with Freshii, the latest healthy food offer featuring salads, wraps, burritos and freshly made juices.
- Coffee shops serving Lavazza coffee in the Arts Building, the Westland, Áras an Phiarsaigh, and the School of Nursing and Midwifery.
- In addition, Dublin city’s wide selection of restaurants, cafés, delis and coffee shops are within a few minutes’ walk away.

Accommodation

A limited number of students may be housed in University accommodation, including residences on-campus, at Trinity Hall in Dartry or in rooms managed by nearby colleges. Find out more at www.tcd.ie/accommodation.

Most postgraduate students find accommodation in shared houses or self-catering apartments. Houses and apartments vary in price, depending on size, facilities and location. The best place to look for a place to rent is via the Accommodation Advisory Service at accommodation.tcdsu.org or www.tcdgsu.ie/accommodation.

If you are not offered accommodation by Trinity, or would prefer to live elsewhere, temporary housing of up to a maximum of two weeks can be arranged on the main campus in September, to allow time to search for long-term accommodation. This offer is only available to overseas students. Other universities in Dublin may begin term earlier than Trinity and as a result, if you are seeking accommodation, the earlier you are able to secure accommodation, the more choice you will get in each location and price range.

Student Services

Academic Registry

Academic Registry provides central academic administrative services to assist students with all queries regarding course applications/admission, fees, registration, timetables, examinations and assessments as well as graduation queries. From your initial enquiry to Trinity through to your graduation ceremony, the Academic Registry Service Desk Team will be available to address your queries which can be logged via the homepage of my.tcd.ie clicking on the ASK TCD button and selecting the appropriate enquiry category, by emailing us at academic.registry@tcd.ie, or calling us on +353 (0)1 896 4500.

Careers Advisory Service

The service is there to answer the big question, 'What next?' Plan your future beyond your current course of study with the help of guidance software, skills workshops and personal consultations.

Employment opportunities and information on a wide variety of occupations and employers are available in a specialised library which also contains free directories and guides. www.tcd.ie/careers

Chaplaincy

The chaplains ensure hospitality to all students, irrespective of religious affiliation. The chaplains also gather students and staff for prayer and worship, both ecumenically and according to their respective traditions, and organise various spiritual seminars and religious retreats. www.tcd.ie/chaplaincy

College Health Service

The College Health Service provides GP services for students. Student consultations are free of charge with modest fees for additional services. All EU students should bring with them a European Health Insurance Card issued in their country of origin – this will entitle them to free prescriptions. Non-EU students are not entitled to free national health services in Ireland, and are advised to take out insurance cover for hospitalisation or to extend private health insurance before leaving their home country. Private health insurance cover is also available in Ireland and the student health service can advise you on your options. www.tcd.ie/college_health

Day Nursery

The day nursery is open 8am–6pm during the academic term, and 8am–5.15pm outside of academic term. It caters for children aged three months to four and a half years old. There is a fee for this service. There is also a self-supporting student-parent discussion group. This informal group is open to any student who already is, or is about to become, a parent. www.tcd.ie/info/services/daynursery

Disability Service

Trinity is committed to a policy of equal opportunity in education and to ensuring that students with disability have as complete and equitable access to all facets of life at Trinity as can reasonably be provided. The Student Disability Service works closely with academic staff, tutors, administrators and other support services to meet the support requirements of students with any disability. www.tcd.ie/disability

Graduate Students' Union

The Graduate Students' Union serves to protect students' interests and acts as a helpful meeting point. The Union organises a variety of events, receptions and trips each year where postgraduate students can meet to share ideas in a relaxed environment and become more closely involved in life at Trinity. tcdgsu.ie

Postgraduate Advisory Service

The Postgraduate Advisory Service is a unique and confidential service available to all registered postgraduate students. It offers a comprehensive range of academic, pastoral, and professional supports dedicated to enhancing your student experience. If you require specific advice, or would like to arrange a confidential meeting with the dedicated Student Support Officer, you can make an appointment by phoning +353 1 896 1417, or by e-mail pgsupp@tcd.ie. www.tcd.ie/Senior_Tutor/postgraduateadvisory.

Student Counselling Service

At times of stress or difficulty, whether of an academic or personal nature, Student Counselling is there to help. The service is confidential, professional and free of charge. A learning support psychologist is available to discuss examinations, issues around concentration and study methods. There is also a Peer Support Network which is confidential and based on student-to-student support. www.tcd.ie/student_counselling

Learning Supports

Library

Trinity's library is the largest research library in Ireland. The collections include six million printed volumes, nearly 500,000 electronic books, 80,000 electronic journals, the country's largest collection of maps and printed music, and an extensive collection of manuscripts, and they are all available to every student. The library is not just one building but several, across the campus and in our teaching hospitals.

There are group study rooms, a multimedia resource area, assistive technology suites, Wi-Fi, and staff to help on a one-to-one basis, and by group tours and demonstrations. All the electronic collections are available to students on the internet and books can be reserved, renewed and requested online.

Thousands of visitors come each year to see the Book of Kells and exhibitions in the Long Room, which is one of the most famous library spaces in the world. Admission is free for Trinity students. Find out more about the Library at www.tcd.ie/library.

IT Services for Students

As a student at Trinity, you are provided with a wide range of computer facilities and services, including:

- Access to hundreds of computers located in over 20 student computer rooms, many of which are open 24 hours a day, seven days a week
- Fast, secure Wi-Fi across Trinity for your computer, phone or tablet
- A Trinity Gmail account, which is yours for life
- E-learning resources for many courses, available in the Blackboard Learn system
- Access to IT support from the IT Services Helpdesk on campus and via e-mail and phone

Find out more at www.tcd.ie/itservices/students

International Students

Trinity College Dublin, the University of Dublin is an international university attracting faculty, students and staff from every continent. Trinity students receive outstanding academic and personal support throughout their time here. Trinity aims to ensure all our students have a positive experience as we educate them to be global citizens and we are proud that postgraduate students continue to come here in significant numbers from around the world. See further information at www.tcd.ie/study.

Employment

Students from countries within the European Union (EU) are free to take up employment under standard EU free movement of labour regulations. However, mixing employment with study is not easy, and it is recommended that students do not arrive from elsewhere in the EU without possessing the financial resources to complete their chosen course of study.

Non-EU nationals who have permission to undertake postgraduate study in Ireland are entitled to take up casual employment, defined as up to 20 hours part-time work per week or full-time work during vacation periods. Furthermore, in order to encourage talented, skilled graduates to pursue careers in Ireland, non-EU nationals are permitted to remain in Ireland for an additional period of 12 months after receipt of results of their final examinations.

During that period, students are able to seek employment and apply for a Green Card or Work Permit, as appropriate. For further information please check the Department of Jobs, Enterprise and Innovation website: www.enterprise.gov.ie

The Work in Ireland Programme (USIT) provides a special work permit for students on the programme, see www.usit.ie. Canadian students are provided with a 12-month permit from Travelcuts in Canada, see www.swap.ca. US students can get a four-month permit from Council Exchanges, see www.ciee.org. The Programme is also available to students from Jamaica, Ghana, Argentina and South Africa. To be eligible, you need to be a full-time student at a third level institution or within six months of graduation. There are a limited number of places available so early application is advisable.

Language Requirements

Students whose first language is not English must provide evidence of competency in this language through one of the well-established international standard tests:

| Examinations | Minimum Level Required |
|------------------------------------------|---------------------------------------------------------------------|
| IELTS | Grade 6.5 |
| TOEFL | 230 – computer based |
| | 570 – paper based |
| | 88 – internet based |
| Cambridge Certificate | Grade C of Advanced English |
| Cambridge Certificate | Grade C of Proficiency in English |
| Pearson Vue English Language Test | Minimum score of 63 to be eligible (with no section score below 59) |

Please note that these are the only forms of English Language Certification that we accept.

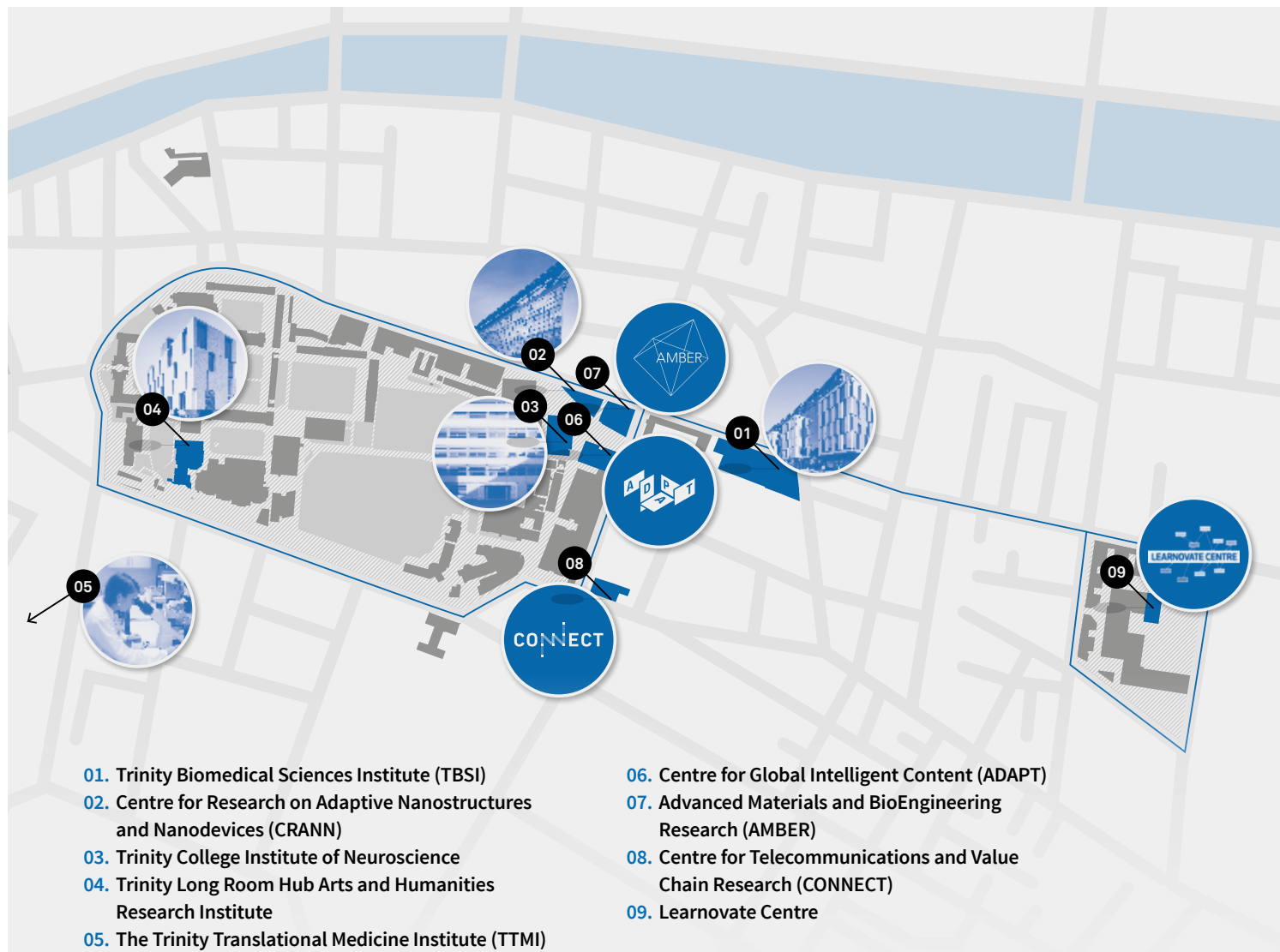
Visa Requirements

If you are a citizen of the European Union (EU), you do not need a visa to enter and live in Ireland. Some, but not all non-EU students require visas to enter Ireland, students from North America are among those who do not require a visa. The list of visa-required countries can be found at the INIS website: www.inis.gov.ie. It is important to note that ALL non-EU students, whether visa-required or not, must register with the GNIB for permission to remain in the state. Students must show their offer letter at airport immigration where they will receive a temporary stamp in their passport. They must register with the GNIB within the time limit specified on their temporary stamp.

Visa-required non-EU students should contact their nearest Irish Embassy or Consulate for information on visa requirements. Visas can take up to 8-10 weeks to process, so please allow sufficient time.

You should apply as early as possible, especially if an Irish visa is required. The Academic Registry does not assist in the processing of visa applications.

All non-EU fee paying students must pay their full tuition fees prior to registration.



- 01. Trinity Biomedical Sciences Institute (TBSI)
- 02. Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN)
- 03. Trinity College Institute of Neuroscience
- 04. Trinity Long Room Hub Arts and Humanities Research Institute
- 05. The Trinity Translational Medicine Institute (TTMI)
- 06. Centre for Global Intelligent Content (ADAPT)
- 07. Advanced Materials and BioEngineering Research (AMBER)
- 08. Centre for Telecommunications and Value Chain Research (CONNECT)
- 09. Learnovate Centre

Postgraduate Research at Trinity

Trinity College Dublin, the University of Dublin is recognised as one of the world's leading research-intensive universities and its research continues to address issues of global societal and economic importance. The University's research strategy, based on developing multidisciplinary areas in Trinity, has the critical mass of world-class researchers needed to deliver research of global consequence.

Among the priority research themes being addressed by Trinity researchers are ageing, nanoscience and materials, telecommunications, neuroscience, human identity, cancer, international integration, arts practice, and the inclusive society. These are topics that not only address issues of immediate and long-term concern to society but offer opportunities for future economic development. The University's commitment to a research-led education means that our students are exposed to leaders in their discipline, to the latest knowledge and ideas, and to an education that emphasises analytical skills and creative thinking, and gives students an opportunity to develop a broad range of skills by engaging in personal research.

Research is central to the generation of the new disruptive ideas that will underpin future sustainable businesses. The knowledge created by Trinity is critical for the economic development of Ireland as it is for the education on offer to our students.

Trinity's research themes are supported by a set of research institutes that provide the infrastructure needed to support multi-disciplinary research as well as engagement with enterprise and social partners working in partnership with Trinity's twenty-four schools.

Research Institutes and Centres

Trinity has five research institutes. These include:

- **Trinity Biomedical Sciences Institute (TBSI)**
www.tcd.ie/biosciences/
- **Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN)**
www.crann.tcd.ie
- **Institute for International Integration Studies (IIIS)**
www.tcd.ie/iiis
- **Trinity Long Room Hub (TLRH)**
www.tcd.ie/longroomhub
- **Trinity College Institute of Neuroscience (TCIN)**
www.neuroscience.tcd.ie

Further information is available at: www.tcd.ie/research. Other research entities include:

- **Trinity Centre for Bioengineering**
www.tcd.ie/bioengineering
- **Trinity Translational Medicine Institute**
www.tcd.ie/ttmi
- **Centre for Global Health**
www.global-health.tcd.ie
- **Centre for Medieval and Renaissance Studies**
www.tcd.ie/medieval_renaissance
- **Centre for Transport Research and Innovation for People (TRIP)** www.tcd.ie/transport-research
- **Children's Research Centre**
www.tcd.ie/childrensresearchcentre
- **Oscar Wilde Centre**
www.tcd.ie/owc
- **Trinity Irish Art Research Centre (TRIARC)**
www.tcd.ie/history_of_art/research/centres/triarc

Postgraduate Research Students

Higher degrees by research are normally obtained by carrying out a period of research within the University, under the supervision of a member of Trinity staff, with subsequent submission of a thesis. All doctoral students are registered on a structured Ph.D. and will attend modules, workshops and/or master classes as advised by their supervisor or supervisory panel normally in the first year to eighteen months of registration.

Students' progress is assessed regularly and is judged as satisfactory in a number of different ways in different research areas. Students are advised to find out about the system in place in their area well in advance of registration for their degree.

All students undertaking a research degree are assigned to a single supervisor, though for some students there may also be an additional advisor. The supervisor's role is essentially that of an academic guide and mentor, and students should make suitable arrangements to contact their supervisor as often as is practical and agreeable to both parties.

Applications are submitted online at www.tcd.ie/courses/postgraduate/research/az.php and must include a detailed research proposal. This is reviewed by the relevant School and acceptance is dependent on the quality of the proposal and availability of adequate supervision. The Dean of Graduate Studies then conducts the final review and approval subsequent to meeting all criteria.



Postgraduate Study at Trinity

Funding Opportunities for Research Students

The University offers two types of postgraduate awards which are available only to students intending to register for higher research degrees full-time (i.e. Ph.D.). Ussher Awards are open to applicants from all countries. These prestigious awards are few in number, very competitive, provide significant maintenance and fully cover fees. Postgraduate Studentships, also open to applicants from all countries, are more numerous but equally competitive. They provide a maintenance contribution and full fee coverage.

New entrants to the research register may indicate their application for these awards when applying online. Continuing students may now apply for the Postgraduate Studentship Award. These students should contact their School directly. Please note that only full-time research students are eligible for these awards. All awards are subject to an annual income limit of €18,000 gross, inclusive of the award maintenance, after payment of fees.

Furthermore, throughout the year all Schools offer a number of additional studentships to graduates interested in engaging in research. These are ordinarily advertised on the following websites:

- Research Office website www.tcd.ie/research_innovation/research (local access only)
- Vacancies website www.tcd.ie/vacancies
- Respective School website www.tcd.ie/structure

Postgraduate Students Undertaking Taught Courses

Postgraduate students on taught programmes normally have to pass a series of examinations and/or assessments in order to make satisfactory progress. Taught courses are available at four levels – Postgraduate Certificate, Diploma, Masters and Practitioner Doctorate. Individual taught courses are described under the appropriate faculty/school in this brochure and additional up to date information is available on the course pages at www.tcd.ie/courses/postgraduate/az

Postgraduate Students Not Reading for a Higher Degree

It is possible to register as a one-year or one-semester postgraduate student not reading for a degree. Students of this status are offered access to on campus facilities and are free to continue their own research, and/or to read courses of interest to them.

Directors of Teaching and Learning (Postgraduate)

There are Directors of Postgraduate Study in each of the Schools who are members of the Graduate Studies Committee. Directors of Teaching and Learning (Postgraduate) in each School are responsible for ensuring that any problems postgraduate students face are attended to.

University Course Regulations

On registration, students are given the University regulations (Calendar Part III), which govern academic progress through the University. In addition, students who undertake a postgraduate taught course will be given a course handbook, which details the specific requirements and regulations governing that course. Students are obliged to familiarise themselves with these regulations.

Teaching Terms

Term dates are available at www.tcd.ie/calendar.

Registration

Registration normally takes place in September as the majority of taught postgraduate courses commence in September of each year. Registration information for new entrants is available online at www.tcd.ie/orientation and all students (new entrants and continuing) must register online annually. Research students may register either in September or in March.

Postgraduate Orientation Day

During registration week, a number of formal and informal events are held to introduce newly enrolled students to life at Trinity; these include postgraduate orientation sessions. Up-to-date information on all orientation activities is available at www.tcd.ie/orientation.

Graduation

Postgraduate degrees, diplomas and certificates are awarded at one of a number of ceremonies throughout the year. Information on these on campus ceremonies is sent to all registered postgraduate students as appropriate.





Fees

An online application fee of €55 per course applied for is required for all taught and research courses.

Fee details for all courses are available at: www.tcd.ie/academicregistry/fees-payments. European Union (EU) and non-EU fees apply as appropriate.

An EU passport or citizenship, including an Irish passport or Irish citizenship, does not grant automatic entitlement to EU fees. An EU application is one made by a person who fulfils one or more of the following criteria:

1. who is ordinarily resident in the EU and who has received full-time further or higher education in the EU for three of the five years immediately preceding admission; or
2. who is ordinarily resident in the EU and has worked full-time in the EU for three of the five years immediately preceding admission; or
3. who holds a passport from an EU state and has received full-time further or higher education in the EU for three of the five years immediately preceding admission.

All other applications are considered to be non-EU applications.

Please note:

- Students who have had periods of residence outside the EU are required to provide documentary evidence to support their claim for EU fee status. This evidence must be presented with the application.
- Your status may not be changed during your programme once you are registered as an EU or non-EU fee paying student.
- EU degree students who are liable for the full annual tuition fee may take the option of paying their annual tuition fees in two instalments. Students classified as non-EU fee paying must pay the full fee before registration. Payment of fees is made online.
- The online application fee is non-refundable.
- Registration can take place only when the required fees have been paid.

Fieldwork Costs, Costs of Preparations of Thesis / Dissertation

Students are personally responsible for the costs involved if they have to undertake fieldwork as part of their postgraduate programme. They are also responsible for all costs relating to preparation and submission of their thesis or dissertation such as typing, binding and photography.

How to Apply

Entry to Irish universities is competitive, and no graduate applicant, from Ireland or any other country has an automatic right to admission. Most courses at Trinity have a restricted number of places available for postgraduate students. The range of studies on offer is vast and the standard set for postgraduate study is exceptionally high. This combination, together with the range of ancillary facilities in the immediate vicinity of the University, offers an almost unparalleled learning experience to all postgraduates.

Online applications

All course information and online application details are available at www.tcd.ie/courses/postgraduate/az. All applications for postgraduate research and taught programmes should be made online by logging on to my.tcd.ie.

Throughout the application and admission process, communications between Trinity and the applicant will primarily be via online messaging within the my.tcd.ie portal, and via email.

Please note that incomplete applications cannot be processed. You should also note that unsuccessful applications will not be returned.

Applicants should make all reasonable effort prior to registration to ensure that the course/programme they are registering for meets their expectations, by:

- contacting the relevant course co-ordinator or prospective supervisor/research director
- accessing all information available on the courses website www.tcd.ie/courses/postgraduate/az and the specific school/course web pages linked on this site.

The information set on these pages is intended as a guide only and shall not be deemed to form a contract between Trinity College Dublin, the University of Dublin and an applicant or any third party.

Contact Us

Academic Registry provides central academic administrative services to assist students with all queries including course applications/admission, fees, registration, and timetables.

Academic Registry

From your initial enquiry to Trinity through to your graduation ceremony, the Academic Registry Service Desk Team will be available to address your queries which can be logged via the home page of my.tcd.ie clicking on the ASK AR button and selecting the appropriate enquiry category, by emailing us at academic.registry@tcd.ie, or calling us on +353 1 896.4500.

Office of the Dean of Graduate Studies

Trinity College Dublin, the University of Dublin
College Green, Dublin 2, Ireland
T +353 (0)1 896 2722 / 3671
E genadgso@tcd.ie
www.tcd.ie/graduate_studies

Arts, Humanities & Social Sciences



| | |
|---------------------------------------------------------------|----|
| School of Business | 20 |
| School of Creative Arts | 25 |
| School of Education | 31 |
| School of English | 34 |
| School of Histories and Humanities | 39 |
| School of Languages, Literatures and Cultural Studies | 44 |
| School of Law | 50 |
| School of Linguistic, Speech and Communications Sciences | 54 |
| School of Psychology | 62 |
| Confederal School of Religions, Peace Studies and Theology | 70 |
| School of Social Sciences and Philosophy | 76 |
| School of Social Work and Social Policy | 80 |

School of Business

| | |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Head of School | Professor Andrew Burke |
| Director of Teaching & Learning (Postgraduate) | Professor Jim Quinn |
| Telephone | +353-1-896 1027 |
| Email | peavoys@tcd.ie |
| Web | www.tcd.ie/business/doctoral/index/ |

School Description

Trinity Business School is recognized for its unique and innovative degree programmes, commitment to research-based teaching, internationalism, strong relationships with Irish and global organizations in the private, public and voluntary sectors and for an intimate, tutorially oriented educational philosophy. The School's mission is to educate the most able school leavers, postgraduates and experienced managers, providing each with the best disciplinary competence in business and management as well as a critical and inquiring understanding of organizations. The School's vision is to be a leading, internationally ranked, centre of research, teaching and executive education located in Ireland. The School offers a range of postgraduate opportunities for research degree students and for experienced managers.

Research Degree Programme

Trinity Business School offers outstanding students the opportunity to pursue advanced research, leading to the award of an M.Litt. or Ph.D. degree. The Research Degree Programme at Trinity Business School is focused on educating and training postgraduate students for careers in business research and in international business schools.

Currently, there are 55 students enrolled on the Research Degree Programme. The School attracts students with diverse backgrounds from around the world including some who have completed a master's degree in business or management, those who have gained practical experience at a managerial level since completion of an undergraduate degree, and those who work as researchers and lecturers in a university setting.

The Research Degree Programme is offered on both a full-time and part-time basis. The broad aim of the Research Degree Programme is to develop the student's ability to excel in an academic environment. The successful student may graduate with an M.Litt., M.Sc. or PhD degree.

Applicants should consult the Trinity Business Schools website (www.tcd.ie/business/doctoral/index.php) for further information about the School and how to apply to the Research Degree Programme (www.tcd.ie/business/doctoral/apply.php).

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie.

Digital Marketing Strategy (M.Sc.)

March 2017 Entry

- Doctor in Philosophy, Business (Part-Time)
- Doctor in Philosophy, Business (Full-Time)
- Master in Letters in School of Business (Part-Time)
- Master in Letters in School of Business (Full-Time)
- Master in Science in School of Business (Part-Time)
- Master in Science in School of Business (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Business (Part-Time)
- Doctor in Philosophy, Business (Full-Time)
- Master in Letters in School of Business (Part-Time)
- Master in Letters in School of Business (Full-Time)
- Master in Science in School of Business (Part-Time)
- Master in Science in School of Business (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof Laurent Muzellec |
| Course Email | business.masters@tcd.ie |
| Course Tel | +353-1-896 4299 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Trinity Business School has developed very close links with the world's leading digital companies and offers students a great opportunity to gain experience from the best in the industry. Leading digital experts teach several modules in the programme to ensure that our content remains at the cutting edge of digital strategy best practices.

The MSc in Digital Marketing Strategy introduces students to the overall digital marketing ecosystem and gives them the necessary skills to effectively plan, design and implement strategies that add value to organisations. The programme includes a specialisation in digital design and user experience, where non-technical students get a comprehensive review of the key technologies required to design, build and execute digital marketing strategies. The course also considers the digitalization of interactions between paying customers, free users and business actors to comprehend how corporations do Business (and "make money") in a Digital world. A digital marketing implementation module will invite participants to undertake professional certifications such as Google AdWords certificate (advanced) and Google analytics certificate.

The course comprises of a variety of core taught modules and numerous elective taught modules. Visit the course website for more information: www.tcd.ie/business/msc/digital-marketing-strategy

The course is assessed via a combination of assigned coursework, written examination, and a dissertation.

Admission Requirements

Admission to the course is competitive, and is normally restricted to graduates who have achieved an upper second class honours degree or better.

How to Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

Finance (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | business.masters@tcd.ie |
| Course Tel | +353-1-896 4867 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

If you are looking for a rigorous and comprehensive introduction to the tools and skills that you need to thrive in modern financial services, then this course is for you. You will graduate with a skill set that spans several technical and analytical areas and will help you maximise your career potential. We have developed this course, and we refine it every year, in collaboration with real individuals and firms operating in the quickly changing finance environment. They know what the industry needs, and we know how to provide it. Trinity's MSc Finance is a programme partner of the Chartered Financial Analyst (CFA) Institute and the Chartered Alternative Investment Analyst (CAIA) Association who have recognised the academic rigour and industry-relevant skills taught to students. It is the only course worldwide with this unique triple accreditation.

The programme is assessed based on a combination of assigned coursework, written examination, a group project and a capstone assignment. The course will be composed of numerous core modules, a variety of elective modules and a project. The research project is the culmination of your degree, allowing you to demonstrate and apply the techniques and knowledge acquired from the taught modules to a problem of real world academic or managerial concern.

There is an option to "concentrate" further in one of the following areas: Financial Analysis, Risk Management and Energy and Environment. For more information, see the course website: www.tcd.ie/business/msc/financial-risk/

Admission Requirements

This course is open to graduates who have achieved the equivalent of at least an upper second class honours degree, or better, in business, economics, management science or other numerical and quantitative areas. If you have graduated outside the EU, you may be required to submit a GMAT score.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Financial Risk Management (M.Sc./P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | business.masters@tcd.ie |
| Course Tel | +353-1-896 4299 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Course Details

The Trinity MSc in Financial Risk Management is designed specifically for graduates who have a primary undergraduate degree in a quantitative field and who are interested in how the tools of finance can be used to mitigate risks for corporations and society. Trinity College is a university partner of the Professional Risk Managers' International Association www.prmia.org/, one of the world's leading risk management bodies. Our programme will complement your foundation degree providing a thorough grounding in the concepts and techniques of financial risk management and providing you with the skills you need to lead, manage and create in today's complex risk environment. Developed in consultation with industry, the MSc is designed to provide you with leading edge skills, embedded in a holistic framework.

The course comprises of numerous core and elective taught modules and a dissertation module. An indicative list of modules can be obtained from the course website: www.tcd.ie/business/masters/risk-management/. The course is assessed based on a combination of assigned coursework, written examination, and a dissertation.

Admission Requirements

Admission to the course is competitive, and is normally restricted to graduates who have achieved an upper second class honours degree or better in finance or a quantitative subject such as economics, mathematics, statistics, operational research, informatics, computer science, physics, or engineering.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

International Management (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | business.masters@tcd.ie |
| Course Tel | +353-1-896 2629 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Course Details

This course is designed to develop the skills that are needed to lead and manage in complex business environments and help our students maximise their career potential. The extraordinary success of our graduates is proof that we prepare our students for a business environment that is experiencing rapid economic and technological change, increasing cultural diversity, institutional integration and globalization. We equip you to devise strategies and make decisions informed by varied sources of information and an array of analytical methods. We challenge you to adapt to unfamiliar markets and contexts, to accept and manage risks, and to identify opportunities and threats. Innovative features of the course include the use of business simulations, role-plays and the option to take a module in an international business school. Additionally, if you are interested in pursuing a specialization, you can choose either Finance, Marketing or Social Entrepreneurship.

Admission Requirements

Admission to the course is competitive, and is normally restricted to graduates who have achieved an upper second class honours degree in a relevant discipline (e.g., business, economics, commerce), or better.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Management (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Padraic Regan |
| Course Email | business.masters@tcd.ie |
| Course Tel | +353-1-896 2629 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The MSc in Management has been designed specifically for graduates who have a primary undergraduate degree in a subject that is not related to business. Our programme is designed to complement your foundation degree and to

bring added value to your knowledge, giving you the skills required for leading and managing in today's complex business environment. Through our comprehensive syllabi of modules covering multiple dimensions of business and management, you will obtain a sound understanding of business, management and organizational principles, as well as honing your analytic and problem solving skills, relevant to your interests. Building on your diverse academic background, this grounding in solid business and management principles and practices will give you a competitive edge in the market, and allow you to take charge of your career direction. The course comprises of a variety of core taught modules, elective taught modules, and a dissertation module. An indicative list of modules can be obtained from the course website: www.tcd.ie/business/msc/management/. The course is assessed based on a combination of assigned coursework, written examination, and a dissertation.

Admission Requirements

Admission to the course is competitive, and is normally restricted to graduates who have achieved an upper second class honours degree or better.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Marketing (M.Sc./P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Administrator | Dr Sarah Browne |
| Course Email | business.masters@tcd.ie |
| Course Tel | +353-1-896 4299 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Course Details

The Trinity MSc in Marketing has been specifically designed to ground you in the established marketing specialisms such as strategy and branding, while also exposing you to the cutting-edge thinking and practice in areas such as data analytics and sales management. This intensive and rewarding programme enhances your existing marketing skills such as communication, creative thinking, planning and analysis, whilst simultaneously developing new ones in social media marketing and big data analytics. The result is a degree of range and depth, which segues the graduate into their desired area of marketing career.

At Trinity Business School, you will have access to a team marketing professors who are specialists across a number of marketing sub-fields and lead the way in research-led teaching. Our professors have published in top peer reviewed publications across a wide-range of topics including, the digitalization of marketing, consumer psychology and contemporary marketing practice.

The course comprises of numerous core taught modules, elective taught modules, and a dissertation module. An indicative list of modules can be obtained from the course website: www.tcd.ie/business/masters/marketing.

Admission Requirements

Admission to the course is competitive, and is normally restricted to graduates who have achieved an upper second class honours degree or better.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Master in Business Administration (M.B.A.)

| | |
|-------------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Admission Requirements | See bottom of this page |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | trinitymba@tcd.ie |
| Course Tel | +353-1-896 4867 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Course Details

The Trinity MBA is an intensive and intimate programme designed to develop your general management and leadership skills so that you are: strategic in perspective; analytically competent; more creative and articulate; emotionally intelligent; and most importantly, capable of applying your skills in any context, in any industry. The Trinity MBA is structured around a strong general management and leadership orientation, a small class size ensuring a close and dynamic learning environment, an in-company project that challenges students to apply their learning in a “real world” environment and a strong focus on personal growth and development. The Trinity MBA is offered on a one-year full-time or two-year part-time basis and has both a formal taught component and an experiential project based dimension. The central objective of the programme is to assist participants individually and in teams to learn about the application of robust theory and concepts, initially to complex case studies and then to the substance of major strategic issues in an assigned organization from the perspective of an executive manager. This “real life” approach to the Trinity MBA marks us out from other programmes and allows participants to apply their skills in a range of contexts prior to completing the course. Three embedded themes, namely a global perspective, entrepreneurship (both in start-ups and in larger organizations) and Sustainable Leadership (profitable and growth orientated leadership that encompasses stewardship of communities and of the environment) are woven throughout the structure of the programme.

Admission Requirements

Each MBA class is selected on grounds of academic and

professional experience and with a view to providing a stimulating balance of disciplinary background, work experience, and international diversity. Details on the full-time and part-time courses, admissions requirements and scholarships are available on the course website www.tcd.ie/business/mba/

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Postgraduate Diploma in Accounting

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Neil Dunne |
| Course Email | business.masters@tcd.ie |
| Course Tel | +353-1-896 4299 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Course Details

The Postgraduate Diploma in Accounting is delivered on a full-time basis over one academic year. The programme leverages our expertise in both analytical and practical aspects of accounting. You will graduate with a keen understanding of your prospective role as an accountant, whether you choose the practice or industry route. The diploma trains you to make appropriate judgments leading to informed decisions on all aspects of a firm’s financial management, reporting, taxation and related requirements.

The course comprises of numerous core taught modules. An indicative list of modules can be obtained from the course website: www.tcd.ie/business/msc/accounting/.

Admission Requirements

Admission to the course is competitive. Applicants will normally be expected to have an Honour Bachelor degree at 2.1 or above in a non-Accounting discipline, or international equivalent. They will also be expected to demonstrate a comfort with numeracy and analytical thinking.

Work Experience

Work experience is not required but is a valuable asset.

An IELTS or TOEFL Score

All our courses are in English. Non-native speakers will need to provide certification of one the following in the past two years: either an IELTS score of 6.5 or above, with no band below 6; or a TOEFL score of at least IBT 90. If your primary degree was in English, then you can ignore this requirement.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Creative Arts

| | |
|-----------------------------------------------------------|------------------------------------------------------------------------------|
| Head of School | Professor Matthew Causey |
| Director of Teaching & Learning (Postgraduate) | Dr Ruth Barton |
| Telephone | +353-1-896 1715 |
| Web | www.tcd.ie/drama-film-music |

The School of Creative Arts comprises the Schools of Drama, Film and Music. With 17 full-time academic members of staff and 2 postdoctoral fellows, the School enjoys an international reputation for its research activities and achievements. There are currently 33 research students (M.Litt. & Ph.D.) in the School.

Research Programmes

The School’s research outputs are consistent with the highest research activities internationally. More than twenty-five monographs or edited collections by staff have been published by leading academic presses in the past two years. The School’s research activities are guided by three core objectives: Ireland & the Arts, Globalisation & the Arts, and Technology & the Arts.

Drama Studies has a wide range of research interests consistent with a small School. Its strengths currently lie in the field of Irish & European Theatre, Theatre and Nation, Interculturalism/globalisation and performance, Identity Politics & Performance, and Performance and Technology. The School is located in the Samuel Beckett Centre that comprises a theatre, acting studios and seminar rooms. The School of Drama has a formal link with the Abbey Theatre principally for the development of training for theatre practitioners, and with the International Institute for Integration Studies. It boasts a large research community of M.Litt. & Ph.D. students.

Film Studies also has a broad range of research interests consistent with a small School. It enjoys an international reputation for its research in Irish cinema and the cinemas of the Irish diaspora, as well as for its work in the field of film theory, and British cinema. Film Studies’ facilities (screening room, film library, and digital video production room) are located on campus near the Samuel Beckett Centre. It is closely associated with the Irish Film Institute, and together with the University of Ulster, has established the Irish Postgraduate Film Research Seminar. It has a growing body of research students (M.Litt. & Ph.D.).

Music has three principal areas of research: musicology and analysis, composition, and music technology. Among the staff is Ireland’s leading young composer, as well as experts on melodrama, twentieth-century sketch study, Debussy & Purcell. In addition it enjoys the resources of an extensive Audio Archive. It is located in Front Square of College in its own dedicated premises. Together with the School of Electronic & Electrical Engineering it offers research degrees (M.Litt. & Ph.D.) in its principal areas of expertise.

All research students of the School are required to take core classes in Research Methodologies in their first year and to attend the Graduate seminars run by the Schools. The School is committed to training research students for the academic profession. Recent graduates hold permanent lectureships at universities in Ireland, UK, USA, Canada & Brazil. It has a very vibrant international research community and hosts scholars from all over the world in its symposia and conferences, and maintains very active links with the arts professions.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie.

Film Studies – Theory History Practice (M.Phil.)

March 2017 Entry

- Doctor in Philosophy, Drama (Part-Time)
- Doctor in Philosophy, Drama (Full-Time)
- Doctor in Philosophy, Music (Part-Time)
- Doctor in Philosophy, Music (Full-Time)
- Master in Letters, Drama (Part-Time)
- Master in Letters, Drama (Full-Time)
- Master in Letters, Music (Part-Time)
- Master in Letters, Music (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Drama (Part-Time)
- Doctor in Philosophy, Drama (Full-Time)
- Doctor in Philosophy, Music (Part-Time)
- Doctor in Philosophy, Music (Full-Time)
- Master in Letters, Drama (Part-Time)
- Master in Letters, Drama (Full-Time)
- Master in Letters, Music (Part-Time)
- Master in Letters, Music (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Paula Quigley |
| Course Email | pquigley@tcd.ie |
| Course Tel | +353-1-896 3512 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The course is a unique opportunity to embark upon a detailed investigation into the intellectual currents and aesthetic concerns surrounding the study and practice of film and digital media. From the outset, questions of history, theory and context are brought to bear on issues of close analysis and interpretation. Modules in Screenwriting, Creative Documentary Practice and Editing allow students to balance film theory with practice. At every step of the way your progress will be informed by an emphasis on independent study and critical thinking. In addition, the course aims to develop the key transferable skills required for postgraduate study. These include dissertation preparation, time management and oral and written presentation.

Course Structure

The M.Phil. in Film Studies offers students the opportunity to blend film and digital media theory, history and practice. The course consists of six taught modules and a Dissertation module that includes Research Methodologies. The Dissertation and Research Methodologies module prepares students for the formal processes of research and writing at M.Phil. level. Classes will cover library use, archival skills, electronic resources, use of Endnote, research skills, note taking, writing and oral presentation and power-point techniques. Students will write a dissertation of approximately 15,000 words on an approved topic to be supervised by an appropriate member of staff. Alternatively students may complete a dissertation with practice and Research Methodologies. Students will have the opportunity to submit a proposal to make a film or films, write a screenplay, or create a video essay as part of their final dissertation. Successful applicants will accompany this with a written component of 8,000–10,000 words that will offer a critical perspective on their practice. Acceptance on this strand will depend on demonstration of the appropriate critical and practical skills and will be decided by a committee during Michaelmas Semester.

In addition students choose six of the following elective modules: Critical Approaches to Cinema, Cinema and Ireland, Current Trends in World Cinemas, Current Trends in European Cinemas, Digital Storyworlds, Editing, Creative Documentary Practice, Screenwriting. Please note: all modules are subject to change and/or availability. Students must take three modules in Michaelmas term and three modules in Hilary term, subject to timetabling.

Playwriting (M.F.A.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | bsnglton@tcd.ie |
| Course Tel | +353-1-896 2559 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course is designed to equip students of exceptional talent with the skills necessary to pursue a career in theatre and related industries through the development of skills, professional practices and creative approaches to writing for performance.

Through a series of skills-based writing workshops and tutorials with professional playwrights, directors and a dramaturge the individual voice of the student writer will be nurtured and developed. Classes in dramaturgy and contemporary theatre practice will supplement the training. The course will culminate in the writing of a full-length play for the stage. Students on the course will work in a dedicated space for writers in The Lir building. In addition to the core classes and workshops, individual tuition from The Lir's dramaturge will be a key feature of the training. In addition, master classes by visiting practitioners will supplement the student experience.

Core Modules

1. Contemporary Theatre Practice: enables students to become conversant in the styles, forms, theories and practices that constitute contemporary theatre making in Ireland.
2. Dramaturgy: introduces students to a range of dramatic texts for the theatre or related media with an emphasis on the dramaturgical composition of those texts.
3. Writing Workshop: students share their creative writing in a workshop format, and receive both group feedback and individual tuition in the development of their craft.
4. Play: individual supervision and showcase staged reading of a student's full-length play.

Admission Requirements

Please note that all applicants must include a financial plan in their personal statement which indicates clearly how they intend to finance themselves if successful in gaining a place on this course.

How to Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

Stage Design (M.F.A.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time or 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Loughlin Deegan, Director of The Lir |
| Course Email | info@thelir.ie |
| Course Tel | +353-1-896 2559 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Stage Design programme is purposely designed to allow students to either specialise on one area of stage design (set, costume OR lighting design) or to combine disciplines as desired (set AND costume design for example, or set AND lighting design).

Full-time and part-time students will take three concurrent modules in the first two terms. The final module (Production Design) will be taught in the third term and subsequent summer months (for full-time students) or in the second year of the course (for part-time students) and will culminate with a professional production staged in one of The Lir's performance studios. Term Three will be supplemented by an ongoing series of master classes from professional directors and theatre makers. Students on the Master in Fine Art Stage Design will take two compulsory modules and choose two of four elective modules. Compulsory Module: Contemporary Theatre Practice, Production Design. Elective modules: Set Design Workshop, Costume Design Workshop, Lighting Design Workshop or Dramaturgy for Stage Design.

Admission Requirements

Candidates should have a good honours degree of upper second class or above, or equivalent qualification in a cognate area. A portfolio of recent work is also an essential part of the application process. Proven natural ability and prior experience as demonstrated at interview will also be considered.

Please note that all applicants must include a financial plan in their personal statement which indicates clearly how they intend to finance themselves if successful in gaining a place on this course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Theatre Directing (M.F.A.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Loughlin Deegan, Director of The Lir |
| Course Email | info@thelir.ie |
| Course Tel | +353-1-896 2559 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Master in Fine Art Theatre Directing programme is the first entirely practiced-based Masters programme of its kind in Ireland. It was introduced following extensive consultation with the Irish theatre community and is a direct response to the stated needs of the industry and of talented emerging artists. This innovative course is taught in the newly established The Lir – National Academy of Dramatic Art at Trinity College which is the professional training institution of the School of Drama Film and Music.

Full-time and part-time students will take three concurrent modules in the first two terms. The final module (Module 5) will be taught in the third term and subsequent summer months (for full-time students) or in the second year of the course (for part-time students) and will culminate with a professional production staged in one of The Lir's performance studios. Term Three will be supplemented by an ongoing series of master classes from professional directors and theatre makers.

Students on the Master in Fine Art Theatre Directing will take four compulsory modules, Contemporary Theatre Practice, Directing Workshop, Theatre Production and Dramaturgy for Theatre Directing. Throughout the training students will also develop skills of the practitioners of theatre other than the theatre director, with a view to becoming proficient in and conversant with the creativity of others, and to enhance the craft of the student director by broadening their experience of theatre making. Students will explore the crafts of the actor, designer, stage manager, production manager and stage technician through workshops with teachers and professionals in the various disciplines.

Admission Requirements

Candidates should have a good honours degree of upper second class or above, or equivalent qualification in a cognate area. A portfolio of work including a critical assessment of recently directed work is an essential part of the application process.

Proven natural ability and prior experience as demonstrated at interview will also be considered.

Please note that all applicants must include a financial plan in their personal statement which indicates clearly how they intend to finance themselves if successful in gaining a place on this course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Theatre and Performance (M.Phil.)

| | |
|------------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator(s) | Dr Nicholas Johnson |
| Course Email | johnson@tcd.ie |
| Course Tel | +353-1-896 2295, +353-1-896 1715 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This taught masters focuses on theatre and performance in Irish, European, and international contexts, and is designed to strengthen the analytic, critical, and practical approaches of theatre students. The teaching occurs across lecture, seminar, and studio-based formats, unifying theory and practice, and culminates in an independent dissertation of 15,000 words. Special emphasis is placed on training in strategies of performance analysis, theatre in its Irish context, and movement practices. The work normally takes 12 months, although students are required to be in residence only from October through the following June. Visits from practitioners and scholars supplement the teaching, and close connections with the theatre community in Dublin give students access to performances and work in development throughout the year.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Music Composition (M.Phil.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Course Director | Dr Evangelia Rigaki |
| Course Email | pquigley@tcd.ie |
| Course Tel | +353-1-896 3512 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Department of Music offers a one-year M.Phil. in Music Composition to cater for the growing demand for graduate studies of international standing in this area. Apart from one-to-one mentorship in composition itself, students will take courses in experimental music theatre/ contemporary opera, theory of film music, analysis, and contemporary music studies. The M.Phil. benefit from the Music Composition Centre Seminar Series comprising of lectures and concerts with seminal composers/new music performers.

Course Structure

The course consists of: 6 compulsory taught modules spread across two semesters: Composition Today, History and Theory of Film Music, Theory and Aesthetics Analysis, Composition with Digital Technology, Composition, Contemporary Opera & Experimental Music Theatre.

The final portfolio of compositions must have a performing duration of between 20–35 minutes. Portfolios with longer performance times will also be accepted, but these must be agreed in advance with the course director. Students will work on developing their portfolio and accompanying thesis in conjunction with an assigned supervisor. The accompanying thesis should deal with the structure, aesthetics and methods used by the candidate in the act of composition. The thesis should demonstrate a good knowledge of the context surrounding the candidate's work, and in doing so should engage with history, criticism.

Admission Requirements

Candidates should have a good honours degree of upper second class (2.1) or above, or an equivalent qualification, in a related or relevant area. Consideration will also be given to applicants with a primary degree not in music, if they are judged sufficiently strong musically and creatively and to applicants with extensive professional experience in music. All applicants must submit three compositions.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Education

| | |
|-----------------------------------------------------------|-----------------------|
| Head of School | Prof. Michael Shevlin |
| Director of Teaching & Learning (Postgraduate) | Dr John Walsh |
| Course Administrator | Kristina Karpovas |
| Telephone | +353-1-896 3583 |
| Email | phdresearch@tcd.ie |
| Web | www.tcd.ie/Education |

The School has approximately 80 students in research across our structured PhD and D.Ed. programmes. The School plays a leading role in educational research in Ireland and has also developed a strong international profile. Our research covers a wide range of areas including: policy and practice in primary and post-primary education; higher education policy; inclusion in education and science, arts and music education technology and innovation.

The School has a thriving and vibrant research culture organised around two College research centres and four research groups. The two research centres are:

Research Centres

- The *Cultures, Academic Values in Education (CAVE)* research centre focuses on the area of higher education both nationally and internationally.
- The *Centre for Research in Information Technology in Education (CRITE)* is a joint collaborative initiative between the School of Education and the School of Computer Science and Statistics.

The four research groups are:

Research Groups

- *Inclusion in Education and Society (IES)* has a high profile in special needs education, student voice, psychology of aggression and prejudices and related fields.
- *Research in School Education (RISE)* is currently exploring areas such as learning environments, reform of Junior Cycle, models of teaching, learning and assessment, and the work of Lev Vygotsky.
- The *Arts Education Research Group (AERG)*, has a focus on music, drama and arts education.
- *Science, Technology, Engineering Mathematics: Education, Research and Communication (STEM_ERC)* is a new group which is developing a research agenda in the area of STEM learning, both formal and informal across all sectors of education.

The School has, for a number of years, been highly active in offering a programme of events ranging from workshops, lunchtime and one-day research seminars to international conferences, which alongside its publications, has helped establish the School as the leading centre for educational research in Ireland.

Scholarships are available – please visit our website for more information (www.tcd.ie/education).

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie.



March 2017 Entry

- Doctor in Philosophy, Education (Part-Time)
- Doctor in Philosophy, Education (Full-Time)
- Master in Letters in School of Education (Part-Time)
- Master in Letters in School of Education (Full-Time)
- Education (D.Ed.)

September 2017 Entry

- Doctor in Philosophy, Education (Part-Time)
- Doctor in Philosophy, Education (Full-Time)
- Master in Letters in School of Education (Part-Time)
- Master in Letters in School of Education (Full-Time)
- Education (D.Ed.)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

21st Century Teaching and Learning (P. Grad. Cert.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinators | Dr Joseph Roche and Professor Brendan Tangney |
| Course Administrator | Dr Megan Kuster |
| Email | mekuster@tcd.ie |
| Tel | +353-1-896 4398 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The aim of this course is to equip in-service teachers with the requisite knowledge, skills and competence to support the development of an innovative learning culture within schools, that is team-based, technology mediated, project-focused and cross curricular. The course modules aim to enhance the expertise of participant teachers in new models of teaching and learning with particular emphasis on Science Technology Engineering Maths/Computer Science. They also aim to address complex challenges related to developing an inclusive educational environment and preparing all school students for higher academic aspiration and progression, through a focus on whole school culture, leadership and change. It is intended that participant teachers will learn how to develop and lead a 'cultural change process' within the classroom and the wider school community.

Admission Requirements

Admission Requirements: Each applicant must meet the following academic and professional criteria.

Academic: Possess qualifications and competencies recognised at Level 8 of the National Framework of Qualifications (for example, a higher diploma or an honours degree).

Professional: Be registered with the Teaching Council of Ireland; and have a minimum of one year's teaching experience in schools.

How to Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

Master in Education (M.Ed.)

| | |
|------------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time, 3 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinators | Dr John Walsh and Dr Maija Salokanagas |
| Course Administrators | Ms Keara Eades and Ms Catherine Minet |
| Course Email | master.education@tcd.ie |
| Course Tel | +353-1-896 3568 / 1290 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Master in Education (M.Ed.) programme is a modular programme, and prospective applicants may choose one of the following study modes:

- **Option 1:** Full-time
4 modules and 20,000 word dissertation completed in one year
- **Option 2:** Part-time
4 modules and 20,000 word dissertation completed over two years. The taught component is completed in year 1, and the dissertation is completed in year 2.
- **Option 3:** Part-time
4 modules and 20,000 word dissertation completed over three years. 2 modules are completed in year 1, 2 modules are completed in year 2, and the dissertation is completed in year 3
- **Note:** Students intending to apply for the full time route (option 1) must submit a dissertation proposal when applying.

The degree is intended for those who wish to gain a comprehensive and contemporary understanding in one of the specialisms offered or in a number of disciplines that inform educational theory and practice (the Foundation Studies track). It seeks to equip those who aspire to positions of leadership in fields such as teaching, higher education, science education, educational leadership, educational guidance and counselling, special education, arts education, music education. The programme is designed to promote the ability to participate effectively in the advancement of knowledge, formation of policy, engagement in research and improvement of practice.

The course is open to teachers at all levels of the education system and other suitably qualified professionals working in the area of education. Graduates in fields such as history, philosophy, psychology, administration or science who wish to relate their particular fields of competence to the practice of education, may also be considered.

Admission Requirements

Applicants are normally expected to hold a good honors degree and have at least two years experience in the field of education. In order to complete the application the applicant will require electronic copies of their undergraduate degree transcripts, the email addresses of two academic referees and an up to date CV.

Course Structure

The M.Ed. programme is built around the following distinct specialisms. Please note, not all specialisms may run in a given academic year and are subject to minimum student numbers. Please see details below:

- Co-operative Learning
- Drama in Education
- Early Intervention
- Educational Guidance and Counselling
- Foundation Studies
- Higher Education
- Leadership and Management in Education
- Music in Education
- Positive Behaviour Management
- Science Education
- Special Educational Needs

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Professional Masters Education (P.M.E.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Ms Melanie Ní Dhuinn |
| Course Email | PME.Admin@tcd.ie |
| Course Tel | +353-1-896 1488 |
| Next Intake | September 2017 |
| Course information | www.tcd.ie/courses/postgraduate/az |

The Professional Masters in Education (PME) is a required qualification for those wishing to work as post-primary school teachers in the Republic of Ireland and a recognised teaching qualification within the EU. The aim of the course is to prepare new entrants for the teaching profession who are professional in all aspects of their work and who are knowledgeable and reflective about the aims and processes of education and are subject experts in their chosen discipline.

The 2 year full-time PME programme represents a course of professional development for teaching with a significant academic dimension. Course components include:

1. Foundation disciplines of education: assessment, inclusive education, history and policy of Irish education, philosophy, sociology, psychology and history of education.
2. Professional Studies including one specialisation related to post-primary curriculum subjects from the following set (applicants select one at application as their major subject): Business Studies (including Accounting and Economics); English; Geography; History; Irish; Mathematics (including Applied Mathematics); Modern Languages (including French, German, Italian, Spanish and Other Languages); Music; Religious Education and Science (including Biology, Chemistry and Physics).
3. School Placement, including a substantial school-based research project completed in the second year.

Admission Requirements

Applicants must be university graduates, with an honors Bachelor degree that includes, as a substantial component, at least one subject from the list of those taught at Leaving Certificate level in Ireland. Applicants should be aware of specific entry criteria to the teaching profession which are set and regulated by the Department of Education and Skills in association with the Teaching Council of Ireland, and which must be satisfied independently of the School of Education's entry requirements.

Please see the full PME course listing on the School of Education website for further details, including Teaching Council subject-specific requirements.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

School of English

| | |
|-----------------------------------------------------------|------------------------|
| Head of School | Dr Aileen Douglas |
| Director of Teaching & Learning (Postgraduate) | Dr David O'Shaughnessy |
| Telephone | +353-1-896 4721 |
| Email | doshaug@tcd.ie |
| Web | www.tcd.ie/English |

Research Degree Programme

The School comprises more than twenty permanent members of teaching staff, and a substantial number of Postdoctoral Fellows, Teaching Associates, Research Associates and Teaching Assistants. There are over 100 visiting students each year, and about 60 students who are reading for research degrees. In spite of the large numbers of students, the School maintains a strong commitment to small-group teaching and to individually-directed research.

The School of English is committed to leadership in the development of English Studies as a vigorous, multidisciplinary subject. We are a School which attracts postgraduates of the highest quality, which is committed to building on our already vibrant culture of excellence in teaching and research, and which has at its core our firmly-held belief that research and teaching are intimately connected and mutually stimulating.

Research Programmes With three well-established taught postgraduate courses and over 60 research students, the School of English has a vibrant research culture, with opportunities in a wide range of subjects and areas. We especially welcome applications in: medieval and renaissance literature, eighteenth-century literature, Anglo-Irish literature and drama, American literature, popular literature, creative writing, Victorian literature, postcolonial literature, Old English, and children's literature. Research opportunities in all areas are considerably enhanced by Trinity Library. As well being a copyright library, it holds manuscripts and special collections that can form the basis of research projects, particularly in the early period, in Anglo-Irish literature and in children's literature.

Our research culture places special emphasis on the individual researcher, though we also encourage forms of research collaboration where this is appropriate. While our research students work closely with their supervisor, their development of independent and original thought is crucial to the research process. When their work is established, research students may provide teaching in the School in areas cognate to their research. All research students take a course in Research Methods.

The School regularly hosts visiting lecturers and writers and organizes international conferences and symposia. Research students are always involved in the organization of these events and frequently will present research papers. The postgraduates also organize weekly research seminars, and all research students are expected to contribute to these.

As well as fostering individual research, we also help students develop a profile that will make them strong candidates for academic posts. Recent Ph.D. graduates hold permanent lectureships and prestigious post-doctoral fellowships at universities in Ireland, the UK, Europe and the US.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Children's Literature (M.Phil. / P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy, English (Part-Time)
- Doctor in Philosophy, English (Full-Time)
- Master in Letters in School of English (Part-Time)
- Master in Letters in School of English (Full-Time)

September 2017 Entry

- Doctor in Philosophy, English (Part-Time)
- Doctor in Philosophy, English (Full-Time)
- Master in Letters in School of English (Part-Time)
- Master in Letters in School of English (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Directors | Dr Jane Carroll and Dr Padraic Whyte |
| Course Email | jane.carroll@tcd.ie |
| Course Tel | +353-1-896 1934/1224 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Children's literature is recognised as a remarkable and dynamic part of literary and social culture. This course, the first full-time one year taught Masters programme in an Irish university, offers graduates in English or related disciplines the opportunity to study a broad range of children's literature in English. It addresses chronologies, genres, modes of criticism, publishing trends and the full apparatus of literary investigation across four centuries, while addressing the unique power dynamics that arise from adult authors writing for child readers. It is particularly concerned with multidisciplinary study because of the unique integration of words and images through the medium of picture books and graphic novels, and because its readership is more likely than any other to be 'technological natives', to have grown up taking multimedia approaches to texts for granted. Complete in itself, the course may also serve as preparation for those intending to proceed to further research in the field. Unique opportunities exist to work with the Pollard Collection of Children's Books, the bequest of more than 10,000 children's books left to the College by Mary 'Paul' Pollard, one time keeper of Early Printed Books, in 2005, as well as to work with the National Collection of Children's Books (nccb.tcd.ie).

Course Content

There are three elements:

1. Perspectives and case studies in children's literature (core module),
2. Optional modules include: The child and Victorian literature; 'Modern Fantasy'; 'Time and Place in Children's Literature'; Young Adult fiction; 'Be Merry and Wise': the rise of children's literature.
Students choose one optional module in Michaelmas term and a second in Hilary term. Some of the options are shared with the MPhil in Popular Literature.
3. Dissertation: Assessment is through four 5,000–7,000 word essays and a 15,000 word dissertation.

Admission Requirements

Applicants should have a good honours degree (at least an upper second or a GPA of at least 3.3). A sample of the candidate's own critical writing (3,000–5,000 words) is also required.

How to Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

Creative Writing (M.Phil.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Professor Ian Sansom |
| Course Email | wilde@tcd.ie |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course, the first Masters programme in creative writing in an Irish university, was offered for the first time in 1997/98. It is based in the Oscar Wilde Centre for Irish Writing, 21 Westland Row, the birthplace of Oscar Wilde.

The course is intended for students who are seriously committed to writing, are practising, or prospective authors and who wish to develop their writing within the framework of a university course and in the context of an Irish literary milieu. It involves the close and critical examination of the students' work in group workshops and under guided personal tuition, with the study also of the professional techniques of book editing and publishing, and the opportunity to explore the cultural and literary contexts of writing in Ireland.

Applicants, who are expected to have a university degree or equivalent qualification, normally in English or another appropriate subject, will be selected on the basis of a portfolio of recent creative work submitted with the application. The portfolio of sample work should include no more than 3000 words of prose (short stories, excerpt/s from a novel or drama) or 6–8 poems; genres may be combined but this is not a requirement.

Students are required to take workshops, attend courses of lectures, and take one specialist writing workshop, while continuing to develop their own individual work throughout the year.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Digital Humanities and Culture (M.Phil.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof Mark Sweetman |
| Course Email | mark.sweetnam@tcd.ie |
| Course Tel | +353-1-896 1111 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

What is Digital Humanities? Digital Humanities is a field of study, research, and invention at the intersection of humanities, computing, and information management. It is methodological by nature and multidisciplinary in scope involving the investigation, analysis, synthesis, and presentation of information in electronic form.

Digital humanists not only create digital artefacts, but study how these media affect and are transforming the disciplines in which they are used. The computational tools and methods used in Digital Humanities cut across disciplinary practice to provide shared focal points, such as the preservation and curation of digital data, the aesthetics of the digital (from individual objects to entire worlds), as well as the creation of the born-digital.

Why Take this Course? This M.Phil. provides a platform for a technically innovative research path within the humanities giving students the opportunity to engage with a new and dynamic area of research. It provides them with the technologies, methodologies, and theories for digitally-mediated humanities providing a framework for new and bold research questions to be asked that would have been all but inconceivable a generation ago.

Course Outcomes: Those who complete this course will have specialised IT skills combined with an advanced understanding of how these skills can be applied to a wide variety of digital objects (text, image, audio, and video). It will also provide students with the theories and perspectives central to the field, including the aesthetics implicit in digital creation and migration, best practice in terms of the standards used for a number of data formats, as well as the growing concerns of digital curation and preservation. Through the internship programme students will gain experience working with cultural heritage partners or digital humanities projects.

How is it taught and examined? The taught component of the course begins in September and ends in April. Contact hours depend on the modules you take. Theory-based modules meet for two hours a week; practice based modules typically meet for three hours a week to include lab time. Modules are assessed through a combination of essays, in-class presentations, assignments, and projects (either individual or group), depending on the module. There are no examinations. The supervised dissertation of 15,000–20,000 words is submitted by 31 August.

What qualifications do I need to apply? You should have a good honors degree (at least an upper second, or a GPA of at least 3.3 in any of the disciplines of the humanities). A critical writing sample is also required (3,000–5,000 words). For those shortlisted for the course, there will also be an interview. Applications are also welcome from professionals in the library and cultural heritage sectors. Those already in employment may opt to take the degree over two years: the first year all coursework is taken and the second year the dissertation is written.

Admission Requirements

Applicants should have a good honours degree (at least an upper second, GPA of at least 3.3) in any of the disciplines of the humanities. The admissions process will be carried out in two stages. In stage I candidates will apply online and have the opportunity of submitting a sample of their own critical writing (3,000–5,000 words) and a cover letter. Those candidates passing this initial assessment will go onto to stage II that will take the form of interviews (either in person, telephone, video, or skype) which will be arranged by a member of the admissions subcommittee. Taken together, these stages will allow the admissions committee to assess the candidates' general suitability for postgraduate work as well as clarifying my query re on line application.

Applications are also welcome from professionals in the library and cultural heritage sectors. Those already in employment may opt to take the degree over two years: the first year all coursework is taken and the second year the dissertation is written.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Irish Writing (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof Paul Delaney |
| Course Email | delanep@tcd.ie |
| Course Tel | +353-1-896 2285/3841 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The course offers graduates in English or in related disciplines (e.g. history, art history, Irish studies, a modern language) the opportunity to study a broad range of Irish writing in English from the late-sixteenth century to the present.

It also involves close study of single authors and addresses thematic aspects of the subject. The course is designed to be complete in itself, but can also serve as preparation for those who wish to proceed to further research in the field.

The course consists of five modules:

Single Author: This module, taught in a weekly two-hour seminar, covers the work of four major individual authors from the Irish literary tradition. In Michaelmas term we study Swift and Yeats, and in Hilary term, Joyce and Beckett.

Perspectives in Irish Writing: This module introduces students to the socio/cultural contexts in which Irish writing in English developed from the late sixteenth century through to the twenty-first century. It investigates key terms that students will encounter in the critical literature on Irish writing and culture: Anglo-Irish, Protestant Ascendancy, the Gaelic tradition, colonialism, the Big House, romantic and cultural nationalism, the Literary Revival. In addition to covering the significant authors of the tradition, it also addresses such issues as authorship, publishing history and reception as they bear on the emergence and development of a national literature in English and explores a number of theoretical issues.

Students take one option module in each of the semesters, choosing from the variety of special subjects on offer each year. These special subjects include: Writing the Troubles, Big House Literature, Irish Poetry after Yeats, Ireland on Stage, and Creative Writing.

In place of the special subjects offered in the second term, students may enrol for a Creative Writing Workshop (an element of the M.Phil. in Creative Writing). Entry to this workshop is restricted and based on assessment of a portfolio of the student's creative writing, which must be presented before the end of the first term.

Dissertation: A dissertation (12,000–15,000 words) is planned in consultation with a Course Director during the second (Hilary) term and is written under the guidance of a supervisor. This work is undertaken in the third term (Trinity term) and in the long vacation (April–August). Assessment is by a combination of course papers and exercises and dissertation. Further information on the course is provided for incoming students in the course handbook and on the website of the Oscar Wilde Centre for Irish Writing of the School of English: www.tcd.ie/OWC/courses/irish/

Admission Requirements

Applicants should have a good honors degree (at least an upper second or equivalent, GPA of at least 3.3). Some previous knowledge of Irish Writing is also desirable. Admission to the course is competitive due to a restricted quota.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Literatures of the Americas (M.Phil.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Professor Melanie Otto |
| Course Email | ottom@tcd.ie |
| Course Tel | +353-1-896 1355 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Over the last few decades the scholarly fields of American Literature, American Studies and Postcolonial Studies have undergone radical transformations. Their core concepts – including identity, race, citizenship, hybridity, and nationhood – have been challenged and redefined in fundamental ways both by creative writers and by theorists. This course – the first of its kind in Ireland and one of only a small number of similar courses in these islands – reflects on those changes and provides an exciting new postgraduate course of study for high calibre students.

This course provides an opportunity to engage in an advanced and detailed way with the literatures of the Americas. It stimulates fresh analyses of a wide range of literatures in English and in translation into English, by canonical, mainstream, avant-garde and marginal writers, and opens up research opportunities in this dynamic field. Students interact with texts in various genres and from different periods in their development of a complex sense of the literatures of the Americas, and the course promotes inter-disciplinarity as a key feature of its pedagogical approach. While the degree is complete in itself, the supervised dissertation of up to 20,000 words helps to lay a foundation for doctoral research in Postcolonial and/or American literary studies.

Admission Requirements

Applicants are normally expected to hold a 2.1 Honours BA degree or the equivalent, in English and/or American Studies or a cognate discipline. Candidates must submit a sample of their critical writing as part of their application (max. 5,000 words).

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Popular Literature (M.Phil.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Bernice Murphy |
| Course Email | murphb12@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course offers an opportunity for the advanced study of popular literature. In recent years a body of theoretical and cultural historical material has developed that attempts to define what ‘the popular’ means now, and what it has meant historically. At the same time texts that do not seem to belong to traditional canons increasingly attract critical attention, and have come to be taught at university level alongside more canonical texts. In this light the course will cover such popular genres as adventure fiction, children’s literature, horror, detective fiction, romance, pornography and science fiction, as well as offering an advanced introduction to such topics as the bestseller, genre theory, print culture and readership.

Entry to this course is very competitive. Applicants are expected to have a good honors degree (at least of upper second class standard) or an equivalent qualification. We also require a 3,000 word academic writing sample.

The course comprises two elements:

1. A core course meeting twice a week for 2 hours over 2 terms;
2. Option courses meeting once a week for 2 hours – students take one per term;

This creates a total of 6 contact hours per week. Students also expected to spend a substantial amount of time in library research. Assessment is by a combination of five essays of varying lengths and a 15,000 word dissertation to be supervised by a member of staff.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Histories and Humanities

| | |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Head of School | Dr David Ditchburn |
| Director of Teaching & Learning (Postgraduate) | Dr Christine Morris |
| Telephone | +353-1-896 3476 / 1208 |
| Web | www.histories-humanities.tcd.ie/postgraduate/research-degrees.php |

The School of Histories and Humanities comprises the Departments of Classics, History, History of Art and Architecture and the Centre for Gender and Women’s Studies. With 36 full-time academic members of staff the School enjoys an international research profile in a wide range of disciplines and subject areas, including archaeology, philosophy, Latin and Greek language and literature, Classical, Medieval and Modern History, History of Art and Architecture and Gender and Women’s Studies. We currently have 120 research students and 80 taught students registered on our postgraduate courses. Staff are dedicated to research-led teaching, ready to listen to students’ ideas and open to interdisciplinary approaches.

The School regularly hosts international conferences and runs six major research seminars. These provide a forum for scholars and postgraduates from all over the world to present their research and exchange ideas. The School also plays an active role in many of Ireland’s leading research centres. Eight of these are located within the School: the Trinity Irish Art Research Centre; the Trinity Medieval History Research Centre; the Trinity Centre for Early Modern History; the Trinity Centre for Contemporary Irish History; the Trinity Centre for Irish, Scottish and Comparative Studies; the Trinity Centre for War Studies; the Trinity Centre for Gender and Women’s Studies; and the Trinity Centre for Mediterranean and Near Eastern Studies.

Taught Masters Degrees (M.Phil.)

The School offers seven taught M.Phil. courses of 1 year’s duration (2 years part-time). The courses are an opportunity to explore a special interest area in greater depth. They also offer a recognised pathway to doctoral studies as they provide generic research skills training in addition to specialist knowledge and practice in writing a research thesis. For information on individual courses please see the Taught Course section of the website and our Course Directors will be happy to answer your questions. In some circumstances applications may be considered after the advertised closing date (the responsible Course Director can advise).

Research Degrees (Ph.D. and M.Litt.)

The School offers research supervision across all of its disciplines within the context of its structured Doctoral (Ph.D., 3-4 years) and Research Master’s courses (M.Litt., 2 years), including a wide variety of postgraduate training modules, career development options and teaching opportunities for senior postgraduates. Many of our students are successful in securing grants for their studies from College sources or external funders such as the Irish Research Council. Further information on postgraduate research opportunities in the School is available at www.histories-humanities.tcd.ie and from the Director of Teaching and Learning (Postgraduate), Dr Anne Dolan, at adolan@tcd.ie.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Art History (M.Phil. / P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy, Classics (Part-Time)
- Doctor in Philosophy, Classics (Full-Time)
- Doctor in Philosophy, Centre for Gender and Women's Studies (Part-Time)
- Doctor in Philosophy, Centre for Gender and Women's Studies (Full-Time)
- Doctor in Philosophy, History of Art (Part-Time)
- Doctor in Philosophy, History of Art (Full-Time)
- Doctor in Philosophy, History (Part-Time)
- Doctor in Philosophy, History (Full-Time)
- Master in Letters, Classics (Part-Time)
- Master in Letters, Classics (Full-Time)
- Master in Letters, Centre for Gender and Women's Studies (Part-Time)
- Master in Letters, Centre for Gender and Women's Studies (Full-Time)
- Master in Letters, History of Art (Part-Time)
- Master in Letters, History of Art (Full-Time)
- Master in Letters, History (Part-Time)
- Master in Letters, History (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Classics (Part-Time)
- Doctor in Philosophy, Classics (Full-Time)
- Doctor in Philosophy, Centre for Gender and Women's Studies (Part-Time)
- Doctor in Philosophy, Centre for Gender and Women's Studies (Full-Time)
- Doctor in Philosophy, History of Art (Part-Time)
- Doctor in Philosophy, History of Art (Full-Time)
- Doctor in Philosophy, History (Part-Time)
- Doctor in Philosophy, History (Full-Time)
- Master in Letters, Classics (Part-Time)
- Master in Letters, Classics (Full-Time)
- Master in Letters, Centre for Gender and Women's Studies (Part-Time)
- Master in Letters, Centre for Gender and Women's Studies (Full-Time)
- Master in Letters, History of Art (Part-Time)
- Master in Letters, History of Art (Full-Time)
- Master in Letters, History (Part-Time)
- Master in Letters, History (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Laura Cleaver |
| Course Email | cleaverl@tcd.ie , arthist@tcd.ie |
| Course Tel | +353-1-896 1995 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This taught Masters course (1 year full-time or 2 years part-time) offers students a wide range of art-historical approaches to the art and architecture of Ireland and the abundant holdings of European and World art in Ireland. It is an opportunity to study modern and contemporary Irish art, the rich holdings of religious art in Ireland, the links between Irish and European art, and Ireland's built heritage. The course provides students with the art-historical skills, methodologies, and theoretical approaches essential to advanced research, analysis, documentation, and digitisation. Throughout all modules, there is a strong emphasis on direct engagement with works of art in public and private collections. Students will be expected to think critically about the interpretation of objects using a range of methodological approaches and to conduct independent research. The M.Phil. in Art History is a unique opportunity to undertake advanced study in the history of art in Ireland and provides a strong foundation for those considering doctoral research or careers working in museums, galleries, and auction houses, as well as in education, cultural media and heritage.

A central element of the course is a module in research methods that explores the principal sources and methodologies applicable to advanced study in the history of art. In addition, students choose four electives that offer detailed engagement with particular periods and media. These modules cover subjects such as: Medieval Monastic Ireland; Interpreting Ireland's Built Heritage; Ireland and France, 1800–2000; Religious Art in Ireland; Themes and Agendas in Modern and Contemporary Irish Art; and Medieval Manuscripts in Irish Collections. The taught modules prepare students to undertake a substantial research dissertation of 15,000–20,000 words on a selected subject under the supervision of a member of staff.

Graduates of the course are well placed to pursue a multiplicity of career pathways, for example, in the museum and cultural sector, as media and public relations specialists, in publishing, public administration or business and, of course, teaching and research. For those already working in these sectors the course will enrich knowledge and skills, stimulate lateral thinking, and act as a spur to innovation.

Admission Requirements

Applicants should normally have at least an upper second class (2.1) honors Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. An undergraduate degree in art history is preferable but not essential. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

Classics (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Shane Wallace |
| Course Email | swallace@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Phil. in Classics is designed both for those who are already fully trained in the classical languages and for those who have completed non-language based degrees. The course provides students with an excellent grounding in postgraduate research skills in Classics. It also hones the sort of analytical, written, and verbal communication skills that are highly valued and effective in careers outside the university and education sectors. Since its establishment in 2008 the M.Phil. in Classics has attracted students from all over the world. Many have gone on to do doctoral studies in Trinity College and in other universities internationally.

The course has two compulsory elements. The weekly core module Research and Methods runs throughout the year and communicates core research skills and knowledge across the main strands of classical scholarship. All students also write a dissertation of 15,000 to 20,000 words on an agreed topic, individually supervised by a member of staff. The dissertation offers an opportunity to begin to specialise in a particular strand of scholarship, whether literary, philosophical, historical or archaeological. In addition, students choose four elective modules (or two if they take beginners' Greek or Latin), which likewise allow them to build specific skills and to follow their individual interests. Recently taught electives include Greek Language; Latin Language; Classics and European Identity; Textual Criticism; Gender and Genre in Augustan Poetry; Greeks and Barbarians; Ancient Drama, Adaptation and Performance; Curiosity and Crisis in the Late Fifth Century; Receptions of the Sophists; The Eternal City: The Archaeology of the City of Rome; Lost in the Labyrinth? 'Reading' Aegean Bronze Age Art; Rulers and Image-making in the Hellenistic World. For students with intermediate and advanced Greek and Latin a range of author- and topic-based modules are available.

Admission Requirements

Applicants should normally have at least an upper second class (2.1) honors Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Knowledge of Greek or Latin is not required, but students hoping later to pursue a research degree in fields where the written record provides our main sources will be strongly encouraged to acquire language skills in the course. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

How to Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

Early Modern History (M.Phil. / P.Grad.Dip.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Joseph Clarke |
| Course Email | clarkej1@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Phil. course in Early Modern History offers well-qualified graduates in History, the Humanities and the Social Sciences an introduction to research in the political, social, cultural and religious history of Ireland, Britain and Europe across the early modern period. This one-year course (or two years part-time) is designed to introduce students to a wide range of issues in, and approaches to, early modern history. It also provides students with training in research methods and skills. The course is built around Trinity College Library's unparalleled resources for the period from the Reformation to the French Revolution. The course may also serve as an introduction to graduate study for students intending to pursue doctoral studies.

The core module for this course is From Reform to Revolution: Cultural Change and Political Conflict in Early Modern Europe. Students also choose two major of study, one in each term. Availability of modules varies from year to year. Subjects recently offered include: Religious Tolerance and Intolerance in Early Modern Europe; War and Society in Early Modern Ireland and Europe; The War of Ideas in the English Revolution; Gender, Identity and Authority in Eighteenth-Century France; Renaissance Kingship. In addition, students take modules focussed on research training and skills. These are designed to introduce the diverse resources and methodologies that historians encounter in their research while also equipping students with the practical skills that are required for the study of early modern history. The Research Seminar in Early Modern History provides an opportunity for invited early modernists from Ireland and elsewhere to discuss their work with graduate students. The capstone of the course is the independent dissertation project. Students complete dissertations of between 15,000 and 20,000 words based on their own primary research. Each student is assigned a supervisor who provides individual academic guidance on their research project.

Admission Requirements

Applicants should normally have at least an upper second class (2.1) honors Bachelor degree or equivalent (for example, GPA of 3.3) in history or a related discipline. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

How to Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

Gender and Women's Studies (M.Phil. / P.Grad.Dip.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Catherine Lawless |
| Course Email | lawlessc@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Phil. in Gender and Women's Studies provides a critical understanding of the current scholarship on the position and representation of gender in society. Drawing on insights and perspectives from a number of academic fields within the Humanities and Social Sciences, the course is both interdisciplinary and multidisciplinary, training students to research across a range of disciplines. Its students acquire a deep understanding of the cultural contexts in which theories of gender are produced, performed and negotiated and an ability to use primary source material as well as critical theories and scholarship. The course also hones the sort of analytical, written, and verbal communication skills that are highly valued and effective in a many different careers.

All students take the core modules Gender Theories, and Approaches and Methods to Gender Research, which provide a grounding in key approaches and skills. Students choose further modules from a wide range of electives, varying from year to year. These include both special topics and further skills and methodologies training options, allowing students to build specific skills and to follow their individual interests. Recently offered modules include: Gender and Symbolic Violence; Gender, Art and Identity; Gender and War in the 20th Century; Saints and Sanctity in Ireland, Britain and Europe; Gender, Identity and Authority in 18th century France; Gender and Nation in Irish Writing; Approaches to Historical Research; Libraries and Archives; Curating Art in Theory and Practice. The capstone of the course is a dissertation of 15,000–20,000 words on a research topic in the area of Gender and Women's Studies selected by the student, carried out under the supervision of a member of the teaching staff of the course.

Admission Requirements

Applicants should normally have at least an upper second class (2.1) honors Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Medieval History (M.Phil. / P.Grad.Dip.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Thomas Smith |
| Course Email | thsmith@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Phil. course in Medieval History is designed to provide students with a rigorous grounding in medieval history and to prepare high-calibre graduates, from any Arts or Social Science background, for doctoral study or for employment outside of academia. The course is taught by specialists not only from the Department of History but also by medievalists in other disciplines, including archaeology, art history, classics, gender studies, literature and musicology. Aside from a thorough training in key skills, the course offers students the possibility of focusing on particular geographical areas (Ireland or elsewhere in Europe) and on themes crucial to the shaping of the medieval world, between c.500 and c.1550.

In a variety of modules students are trained in the analysis and presentation of their research findings. They are also introduced to the methodological challenges of advanced study and research at postgraduate level. The course includes a rigorous training in Latin (catering both for beginners and those with an existing qualification) and in Palaeography – the study and transcription of medieval handwriting. Study of other languages is also possible. A suite of term-long electives is available on substantive themes or topics, varying from year to year. Recently offered modules include: The Archaeology of Ancient and Early Medieval Rome; Viking Ireland; Castles and Warfare in the High Middle Ages; Saints and Sanctity in the Medieval World; Medieval Sexualities; Renaissance Kingship, c.1488–1542; Gender Theories; Public Archaeology; and Classics and the European Identity. The weekly James Lydon Research Seminar provides an opportunity for invited medievalists from Ireland and across the world to discuss their work with graduate students. There is also a dedicated M.Phil. Research Seminar, in which Masters students present their research to fellow students and staff. The course culminates with a 20,000–word dissertation, written on an agreed topic and individually supervised by a member of staff.

Admission Requirements

Applicants should normally have at least an upper second class (2.1) honors Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Modern Irish History (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Carole Holohan |
| Course Email | holohaca@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Phil. in Modern Irish History introduces well-qualified Humanities or Social Sciences graduates to research in modern Irish history, to the problems currently addressed by historians and to the methods they apply to study of the subject. Drawing on the current interests of staff, the course is based on the rich resources of Trinity College Dublin's library and of the adjacent Dublin libraries and archives. The course provides opportunities for in-depth study of selected issues in modern Irish history. It also serves as an introduction to students wishing to pursue doctoral studies.

The course comprises three main elements. A number of research training modules focus on the range of approaches, technologies and resources available to researchers in modern Irish history. In addition students take special subject modules in each term. Topics on offer change from year to year, but cover a range of specialised themes from the seventeenth to twentieth centuries. Some modules concentrate on key moments or developments in Ireland's history, while others examine Ireland's relationship with the outside world, whether through emigration or through its place in the British empire. Finally, Students write a dissertation of between 15,000 and 20,000 words on any area of modern Irish history based on primary sources and relevant scholarly writing.

Admission Requirements

Applicants should normally have at least an upper second class (2.1) honors Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Public History and Cultural Heritage (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Georgina Laragy |
| Course Email | laragy@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Phil. course in Public History and Cultural Heritage is designed to provide students with a rigorous grounding in public history and to prepare high-calibre graduates in a unique and thorough fashion for the management of cultural heritage. We define 'public history' and 'cultural heritage' broadly. The course involves analysis of cultural memory, its construction, reception and loss; and study of the public status and consumption of history in modern society. Political issues surrounding public commemoration and 'sites of memory' are examined and the role of museums, galleries and the media in shaping public perceptions of the past is considered. The course also surveys the more concrete questions involved in the conservation, presentation and communication of the physical heritage of past cultures, particularly where interpretation and meaning are contested. The course is taught in collaboration with the leading cultural institutions located in Dublin and several organisations offer internships to students. In recent years participating bodies have included Dublin City Gallery; Dublin City Library and Archive; Glasnevin Trust; Hugh Lane Gallery; The Little Museum of Dublin; Marsh's Library; the National Gallery of Ireland; the National Library of Ireland; the National Museum of Ireland; and St Patrick's Cathedral.

In a variety of modules, students are trained in the analysis and the presentation of their research findings. They are also introduced to the methodological challenges of advanced study and research at postgraduate level. The course comprises a core module, entitled Remembering, Reminding and Forgetting: Public History, Cultural Heritage and the Shaping of the Past, which runs across both terms. A suite of term-long electives is available on substantive themes. A three-month internship, located in one of our collaborating institutions, runs throughout the second term. Practitioner workshops are also held in the second term and provide an opportunity for national and international 'public historians' to discuss their work with the class. In any given year this may include novelists, artists, museum directors, or heritage and tourism policymakers. The course concludes with the production of a dissertation or major project, individually supervised by a member of staff.

Admission Requirements

Applicants should normally have at least an upper second class (2.1) honors Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

School of Languages, Literatures and Cultural Studies

| | |
|-----------------------------------------------------------|--------------------------------|
| Head of School | Professor David Scott |
| Director of Teaching & Learning (Postgraduate) | Adamo Ulich |
| Telephone | +353-1- 896 1706 |
| Email | sllcs@tcd.ie |
| Web | www.tcd.ie/langs-lits-cultures |

Research Programmes

Trinity College has the world's oldest tradition of modern language studies, with chairs dating back to 1776.

The School's research in literary, language and cultural studies ranges from the medieval to the very contemporary. Well-qualified research students are welcomed in all Schools within the School; enquiries for M.Litt. or Ph.D. research should be made in the first instance to the School or Centre concerned. In addition, a cluster of innovative taught postgraduate degrees offers a broad range of possibilities, leading to research or to professional practice in areas of language, literature and cultural life.

There are seven academic units within the School:

- the Centre for European Studies
- the Department of French
- the Department of Germanic Studies
- the Department of Hispanic Studies
- the Department of Irish & Celtic Languages
- the Department of Italian
- the Department of Russian & Slavonic Studies

At postgraduate level, courses are also offered directly by the School or by specialist units such as the Centre for Medieval & Renaissance Studies.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie.

March 2017 Entry

- Doctor in Philosophy, French (Part-Time)
- Doctor in Philosophy, French (Full-Time)
- Doctor in Philosophy, Germanic Studies (Part-Time)
- Doctor in Philosophy, Germanic Studies (Full-Time)
- Doctor in Philosophy, Irish and Celtic Studies (Part-Time)
- Doctor in Philosophy, Irish and Celtic Studies (Full-Time)
- Doctor in Philosophy, Italian (Part-Time)
- Doctor in Philosophy, Italian (Full-Time)
- Doctor in Philosophy in Near and Middle Eastern Studies (Part-Time)
- Doctor in Philosophy in Near and Middle Eastern Studies (Full-Time)
- Doctor in Philosophy, Russian and Slavonic Studies (Part-Time)
- Doctor in Philosophy, Russian and Slavonic Studies (Full-Time)
- Doctor in Philosophy, Hispanic Studies (Part-Time)
- Doctor in Philosophy, Hispanic Studies (Full-Time)
- Master in Letters, French (Part-Time)
- Master in Letters, French (Full-Time)
- Master in Letters, Germanic Studies (Part-Time)
- Master in Letters, Germanic Studies (Full-Time)
- Master in Letters, Irish and Celtic Studies (Part-Time)
- Master in Letters, Irish and Celtic Studies (Full-Time)
- Master in Letters, Italian (Part-Time)
- Master in Letters, Italian (Full-Time)
- Master in Letters in Near and Middle Eastern Studies (Full-Time)
- Master in Letters in Near and Middle Eastern Studies (Part-Time)
- Master in Letters, Russian and Slavonic Studies (Part-Time)
- Master in Letters, Russian and Slavonic Studies (Full-Time)
- Master in Letters, Hispanic Studies (Part-Time)
- Master in Letters, Hispanic Studies (Full-Time)

September 2017 Entry

- Doctor in Philosophy, French (Part-Time)
- Doctor in Philosophy, French (Full-Time)
- Doctor in Philosophy, Germanic Studies (Part-Time)
- Doctor in Philosophy, Germanic Studies (Full-Time)
- Doctor in Philosophy, Irish and Celtic Studies (Part-Time)
- Doctor in Philosophy, Irish and Celtic Studies (Full-Time)
- Doctor in Philosophy, Italian (Part-Time)
- Doctor in Philosophy, Italian (Full-Time)
- Doctor in Philosophy in Near and Middle Eastern Studies (Part-Time)
- Doctor in Philosophy in Near and Middle Eastern Studies (Full-Time)
- Doctor in Philosophy, Russian and Slavonic Studies (Part-Time)
- Doctor in Philosophy, Russian and Slavonic Studies (Full-Time)
- Doctor in Philosophy, Hispanic Studies (Part-Time)
- Doctor in Philosophy, Hispanic Studies (Full-Time)
- Master in Letters, French (Part-Time)
- Master in Letters, French (Full-Time)
- Master in Letters, Germanic Studies (Part-Time)
- Master in Letters, Germanic Studies (Full-Time)
- Master in Letters, Irish and Celtic Studies (Part-Time)
- Master in Letters, Irish and Celtic Studies (Full-Time)
- Master in Letters, Italian (Part-Time)
- Master in Letters, Italian (Full-Time)
- Master in Letters in Near and Middle Eastern Studies (Full-Time)
- Master in Letters in Near and Middle Eastern Studies (Part-Time)
- Master in Letters, Russian and Slavonic Studies (Part-Time)
- Master in Letters, Russian and Slavonic Studies (Full-Time)
- Master in Letters, Hispanic Studies (Part-Time)
- Master in Letters, Hispanic Studies (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

Comparative Literature (M.Phil.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Peter Arnds |
| Course Email | arndsp@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course is designed to provide an understanding of Comparative Literature as a subject of study and a critical practice. The core modules provide the theoretical and methodological basis for comparing texts of various genres and artefacts of different media at an advanced level. Optional modules enable the further development of these competencies and offer opportunities to develop and apply this knowledge and these skills to a range of primary texts from a wide range of languages, cultures, epochs and other contexts.

Applicants would normally be required to have a good honors degree (at least upper second class honours standard), or an equivalent qualification, in a cognate area. Applicants should normally have an advanced reading knowledge of at least one language other than English among those offered by the School of Languages, Literatures and Cultural Studies at Trinity College Dublin. The course consists of two core modules taken by all students (Theory and Methodology and Moving between Cultures), two options from the range offered in a given year, and a dissertation of 15,000–20,000 words whose theme and approach should be comparativist.

In order to be awarded the degree of M.Phil. in Comparative Literature candidates must satisfy the Court of Examiners by obtaining an overall pass in both the following components: The assessment work for core course 1, core course 2, options 1 and 2 (combined); and the dissertation

The two core modules each contribute 20% of the overall assessment, the options each contribute 10% and the dissertation 40%.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Early Irish (M.Phil.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Professor Damian McManus |
| Course Email | pmcmanus@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Phil. course builds on the material presented in the Postgraduate Diploma in Old Irish. Applicants will therefore normally have successfully completed the latter course, though persons with equivalent competence in Old Irish but who have not successfully completed the diploma are also eligible to apply. All candidates undertake core courses in Old Irish prose, Old Irish poetry, Primitive and Archaic Irish, Early Irish law and Middle Irish. In addition students attend a series of guest lectures organised by the department, and all undertake a dissertation of 20,000 words.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

European Studies (M.Phil.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Balazs Apor |
| Course Email | aporb@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This is an interdisciplinary course which provides an overview of European intellectual and cultural history, looking at Europe and its history from a range of disciplinary perspectives. It focuses on constructions and representations of identity, the emergence of the idea of Europe, political symbolism and nationalism, symbolic geographies and so on. The course builds on the inclusive, interdisciplinary approach of Trinity's undergraduate European Studies programme, but with a higher level of intellectual sophistication and breadth.

Literary Translation (M.Phil.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | translat@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

There is widespread interest in literary translation as a form of literary study, and as a discipline that extends the reading and writing skills obtained in an Arts degree. Trinity College builds on its large and successful language teaching experience in creating a programme specifically designed for the production and study of literary translations.

The course brings together in an interdisciplinary framework, the expertise to create a unique programme for practitioners, future practitioners and students of the art of translation. The target language is English, but the following source languages are also available: French, Italian, Spanish, German, Russian, Czech and Polish. Where requested, we will try to provide support in other languages. The programme is taught by experienced lecturers, several of whom have published translated books, and by guest translators. It features a seminar in which students present and discuss their own work.

A graduate of the course will be well equipped to undertake literary, cultural, academic or philosophical translation, and will be qualified for employment in any area demanding intercultural awareness and excellent writing and analytical skills. The aim is to teach translation as an art, and to form professionals who will have learned to work in an ethos of mutual intellectual and linguistic exchange.

The M.Phil. combines two core courses, which address theoretical, linguistic and practical issues common to all, or most translation situations. It also provides a selection of specialized options, which include courses on the practical issues of literary translation and the comparative approach.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Course Content

The course consists of a compulsory two-semester module (carrying 20 ECTS credits), a number of optional one-semester modules (two per semester taken, each carrying 10 credits), and a dissertation (worth 30 credits). Each taught course module runs for an 11 week period within the 12-week semester, and meets once a week for a two-hour lecture or seminar. Teaching is spread over 22 weeks from September to the following April.

The compulsory (core) module, 'Europe and its Other(s): Ideas, identities and symbolic geographies in Europe', introduces a number of theoretical approaches to European intellectual, cultural and political history. Four optional single-semester modules are chosen from the lists below; these encourage students to apply and develop these approaches, with a focus both on distinct national or regional cultures and histories on the one hand, and/or specific issues and problems in European history and culture(s) on the other. A student may apply to the Course Committee, through the Course Director, for permission to take a relevant taught course module in another M.Phil. programme offered by the University. Not more than two modules from outside the European Studies M.Phil., and not more than one module from outside the School of Languages, Literatures and Cultural Studies, will normally be permitted.

Assessment:

Assessment is by a submitted essay (3500–5000 words) in each course; each optional module will account for 10% of the overall programme mark. Students who meet the requirements and decide that they wish to continue for a research degree will be facilitated in registering in the September when they have submitted their M.Phil. dissertation, thus creating the possibility of moving straight on to the PhD register.

Admission Requirements

This course is open to applicants who have achieved at least an upper second-class honours degree (or equivalent e.g. GPA of 3.2) in a relevant discipline area; in addition, applicants should normally have advanced reading knowledge of at least one continental European language. Applicants may be asked for examples of recent written work.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Medieval Language Literature and Culture (M.Phil.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Brendan O'Connell |
| Course Email | aconneb2@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This interdisciplinary course is designed for well-qualified graduates who wish to extend their interest in medieval studies. The flexible structure of the course allows students to construct their degree around their particular areas of interest, while acquiring both the technical expertise to investigate primary medieval documents and an insight into the complexities of medieval culture generally. Students will have the opportunity to be taught not only by Trinity staff but also by visiting lecturers from other internationally renowned institutions.

Students take four core courses: Research Methodology; Medieval Thought; Medieval Culture and Society; and a language chosen from: Elementary Classical Latin, Medieval Latin, Old English, Middle English, Italian, Medieval German, Medieval French, Old Irish. Two options are also chosen. Currently the subject areas include: Chaucer; Language and Genre; Varieties of Comedy in Dante and Boccaccio; 'Wild' Women in Medieval Literature; Old English Prose; Arthurian H; Courtly love song in Medieval Europe, Early Medieval Ireland; Text and Image; Old English Heroic Poetry; The Unruly Middle Ages; Medieval Philosophy.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Old Irish (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Professor Damian McManus |
| Course Email | pmcmanus@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course is intended to provide graduates in related disciplines with a solid grounding in Old Irish language and literature. Applications are normally accepted only from persons with a good honors degree in a cognate subject such as Modern Irish or another Celtic language, medieval languages, literature or history, archaeology.

The course commences with an introduction to Old Irish, proceeds on to Old Irish literature, including readings in lyrical verse, and also covers Old Irish glosses and saga literature.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Textual and Visual Studies (M.Phil.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Justin Doherty |
| Course Email | jdoherytcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course explores the relationship between textual and visual forms of apprehension and expression in the modern world and their impact on European culture post-1900. The focus of the core module is on the graphic arts (poster, postage stamp, typography), photography and cinema, and on contemporary digital-based media. Various theoretical approaches will be explored in relation to the word/image problematic which will be situated in a number of European cultural traditions. Course options focus on specific media (photography, cinema) or themes (the city, avant-gardes).

The aim of the course is to bring students to a high level of theoretical and practical awareness of the text-image relation in cultural expression, equip them to analyse and evaluate the various forms text/image interaction takes, and to provide them with a training that will enrich their practice in other areas of study or professional engagement.

The course consists of one core module stretching over two semesters and four one-semester modules (from a choice of 5 or 6). The first core module focuses on Word/Image relations in graphic design, ranging from posters and postage stamps to typography and logotype.

The second core semester focus on word/image relations in cinema and the digital media. The one-term options, two of which are followed each semester, and which may change from year to year, include Theory and Practice of Digital Humanities, Figuring European National Identities, East European Cinema, The Russian avant-garde, and Postmodernity in East and Central Europe. A dissertation on a subject of the student's choice is prepared over the summer months.

School of Law

| | |
|-----------------------------------------------------------|-------------------------|
| Head of School | Dr Oran Doyle |
| Director of Teaching & Learning (Postgraduate) | Dr Liz Heffernan |
| Telephone | + 353-1-679 2392 |
| Email | law.postgraduate@tcd.ie |
| Web | www.tcd.ie/Law |

Trinity College Law School, founded in 1740, is Ireland's oldest and most internationally renowned Law School. It has a distinguished team of professors and lecturers and, with the most academically demanding undergraduate admission requirements of any law school in the Republic of Ireland, a student population of over 510 undergraduates and approximately 200 postgraduates of the highest calibre.

The Law School is strongly committed to maintaining and further developing its reputation for rigorous legal scholarship and research, both in a national and international context. In summary it seeks to serve society through education, research and public service and to promote standards of excellence in all its activities. Many staff and student members are heavily involved with the governmental, commercial and voluntary sectors both nationally and internationally, in areas such as children's rights, constitutional law reform, environmental policy, legal aid, law reform, minority rights, public interest and pro bono litigation, social welfare policy and women's rights.

Research Programmes

The Law School offers two postgraduate research degrees, the Master in Letters (M. Litt.) and the Doctor in Philosophy (Ph.D.). It currently has around 70 students registered for M.Litt./Ph.D. degrees who are engaged in research across a wide range of law subjects. Each student is guided in his or her research by a supervisor who has expertise in the relevant research area. It is required that students should complete an M.Litt. in two years and a Ph.D. in four years. Students intending to complete a Ph.D. thesis may apply for admission directly to the Ph.D. register, but must be confirmed on the register following a confirmation hearing and submission of a confirmation report typically in their second year on the register. Alternatively a student who is admitted onto the M.Litt. register may apply (typically in the second year of study) to be transferred to the Ph.D. register and may be transferred on foot of such application following a transfer hearing and submission of a transfer report.

Students commencing the M. Litt or Ph.D. programme must complete a 10 ECTS taught module on Postgraduate Legal Research in the first semester of their studies. A series of seminars for postgraduate research students is organised each semester to enhance students academic and social experience at the Law School. The seminars cover a range of topics relating to research and scholarship and also provide a forum for students to present and discuss their work.

Applications may also be made by graduates of the University of Dublin of not less than eight years standing for the degree of Doctor in Laws (LL.D.). This degree may be awarded to candidates who are judged to have made an outstanding contribution to the advancement of knowledge as evidenced by the publication of their work of high academic distinction. The level of attainment required for such a higher doctorate is substantially higher than that required for the degree of Ph.D.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

International and Comparative Law (LL.M.)

March 2017 Entry

- Doctor in Philosophy, Law (Part-Time)
- Doctor in Philosophy, Law (Full-Time)
- Master in Letters in School of Law (Part-Time)
- Master in Letters in School of Law (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Law (Part-Time)
- Doctor in Philosophy, Law (Full-Time)
- Master in Letters in School of Law (Part-Time)
- Master in Letters in School of Law (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof Blanaid Clarke |
| Course Email | law.postgraduate@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The LL.M. (International and Comparative Law) seeks to promote critical analysis of, and reflection on, different aspects of international law and comparative law.

This programme is delivered over one academic year. Students are examined in six modules and complete a research dissertation of up to 25,000 words on an approved theme relating to some aspect of international and comparative law to be submitted by 29th June 2018.

The modules offered might typically include the following:

African Human Rights Law, Chinese Legal System in Comparative Perspective

Comparative Constitutional Law and Theory, Comparative Elements of Unfair Competition and Trademark Law, Comparative Product Liability: Common Law, EU and US Perspectives, Copyright in the EU Digital Single Market: Law, Policy and Business Practices, Contemporary Issues in International Law, Corporate Governance in the EU, Digital Technologies, Privacy and Security of Information

Energy Law and Policy in the EU, Essential and Emerging Technologies – International and European Law, EU Aviation Law, EU Consumer Law, EU Employment Law, Freedom of Expression and Intellectual Property Law, Globalisation and the Law, Human Rights in the European Union, International and European Copyright Law and Policy, International Aviation Law, International Business Tax Law, International Criminal Evidence, International Criminal Law, International Dispute Resolution, International Economic Law, International Humanitarian Law, International Trade Law, Islamic Law, Judicial Review and Human Rights: Theory and Practice, Law and Bioethics, Patent Law in the Globalized World, Principles of Commercial Arbitration, Theoretical and Comparative Criminal Law, Transitional Justice

The Law School reserves the right to vary the above list and, in particular, the right to withdraw and add modules. Note that modules are offered in one semester only and timetabling considerations may also restrict choice. Further information on the precise modules available in a given year is available on the LLM website.

Admission Requirements

Applications for admission to the LL.M. (International and Comparative Law) programme are invited from well-qualified graduates who hold a very good Honors Bachelor degree in law or in a law-based interdisciplinary programme.

Applications will also be considered from exceptional graduates in related disciplines in the Arts, Humanities, and Social Sciences who can convincingly demonstrate that their studies have fully prepared them for the LLM.

Assuming that this basic pre-requisite is in place, thereafter admission to the various LLM programmes is at the absolute discretion of the School of Law, which will decide on questions of admission having regard to a wide range of academic criteria, including the quality of the individual application and the objectives of ensuring a diverse LLM class of the highest possible academic calibre. Admission requirements may vary from programme to programme and from year to year.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

International and European Business Law (LL.M.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Course Director | Prof Blanaid Clarke |
| Course Email | law.postgraduate@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The LL.M. LL.M. (International and European Business Law) seeks to promote critical analysis of, and reflection on, different aspects of national, European and international business law. This programme is delivered over one academic year. Students are examined in six modules and complete a research dissertation of up to 25,000 words on an approved theme relating to some aspect of International and/or European business law to be submitted by 29th June 2018. The modules offered might typically include the following:

Business and Human Rights, Comparative Elements of Unfair Competition and Trademark Law, Comparative Product Liability: Common Law, EU and US Perspectives, Contemporary Issues in International Law, Copyright and Innovation, Copyright in the EU Digital Single Market: Law, Policy and Business Practices, Corporate Governance in the EU, Digital Technologies, Privacy and Security of Information, Essential and Emerging Technologies – International and European Law, EU Aviation Law, EU Banking and Securities Law, EU Competition Law, EU Consumer Law, EU Employment Law, EU Financial Services Law, EU Trademark and Design Law, Globalisation and Law, International and European Copyright Law, and Policy, International Aviation Law, International Business Tax Law, International Dispute Resolution, International Economic Law, International Trade Law, Islamic Law, Law and Risk, Patent Law in the Globalized World, Principles of Commercial Arbitration.

The Law School reserves the right to vary the above list and, in particular, the right to withdraw and add modules. Note that modules are offered in one semester only and timetabling considerations may also restrict choice. Further information on the precise modules available in a given year is available on the LLM website.

Admission Requirements

Applications for admission to the LL.M. (International and European Business Law) programme are invited from well-qualified graduates who hold a very good Honors Bachelor degree in law or in a law-based interdisciplinary programme. Applications will also be considered from exceptional graduates in related disciplines in the Arts, Humanities, and Social Sciences who can convincingly demonstrate that their studies have fully prepared them for the LL.M. Assuming that this basic pre-requisite is in place, thereafter admission to the various LLM programmes is at the absolute discretion of the School of Law, which will decide on questions of admission having regard to a wide range of academic criteria, including the quality of the individual application and the objectives of ensuring a diverse LLM class of the highest possible academic calibre. Admission requirements may vary from programme to programme and from year to year.

International and European Intellectual Property Law (LL.M.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Professor Neville Cox |
| Course Administrator | Ms Kelley McCabe |
| Course Email | law.postgraduate@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The LL.M. is directed at well-qualified graduates in law and related disciplines. It seeks to promote critical analysis of, and reflection on, different aspects of national, European and international intellectual property law. This programme is delivered over one academic year. Students are examined in six modules and complete a research dissertation of up to 25,000 words over the academic year on an approved theme relating to some aspect of International and/or European intellectual property law. The modules offered might typically include the following:

The Chinese Legal System In Comparative Perspective, Comparative Elements Of Unfair Competition and Trade Mark Law, Comparative Product Liability: Common Law, EU and US Perspectives, Contemporary Issues in International Law, Copyright and Innovation, Copyright and Patents in Europe, Emerging Technologies – International and European Law, Essential Technologies – International and European Law, EU Consumer Law, European Trademark and Design

Law, Freedom of Expression and Intellectual Property Law, Intellectual Property Law in the Globalized World, International Arbitration International Dispute Resolution, International Economic Law, International Trade Law, Law and Bioethics and Licensing Access To Creative Works.

The Law School reserves the right to vary the above list and, in particular, the right to withdraw and add courses. Note that that modules are offered in one semester only and timetabling considerations may also restrict choice. Further information on the precise modules available in a given year is available on the LLM website.

Admission Requirements

As a minimum requirement, candidates for the LL.M. (International and European Intellectual Property Law) degree must hold a good honours law or law-based interdisciplinary degree. Assuming that this basic pre-requisite is in place, thereafter, admission to the programme is at the discretion of the LL.M. Sub-Committee who will decide on questions of admission having regard to the totality of all application files and the objectives of ensuring a diverse LL.M. class of the highest possible academic calibre.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Laws (LL.M.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof Blanaid Clarke |
| Course Email | law.postgraduate@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The LL.M. seeks to promote critical analysis of, and reflection on, different aspects of national, European and international law.

This programme is delivered over one academic year. Students are examined in six modules and complete a research dissertation of up to 25,000 words on an approved theme to be submitted by 29th June 2018. The modules offered might typically include the following:

Advanced Lawyering Techniques, African Human Rights Law, Chinese Legal System in Comparative Perspective, Comparative Constitutional Law and Theory, Comparative Elements of Unfair Competition and Trademark Law, Comparative Product Liability: Common Law, EU and US Perspectives, Contemporary Issues in International Law, Copyright and Innovation, Copyright in the EU Digital Single Market: Law, Policy and Business Practices, Corporate Governance in the EU, Digital Technologies, Privacy and Security of Information, Energy Law and Policy in the EU; Essential and Emerging Technologies – International and

European Law, EU Aviation Law, EU Banking and Securities Law, EU Competition Law, EU Consumer Law, EU Employment Law, EU Financial Services Law, EU Trademark and Design Law, Freedom of Expression and Intellectual Property Law, Globalisation and the Law, Human Rights in the European Union, International and European Copyright Law and Policy, International Aviation Law, International Business Tax Law, International Criminal Evidence, International Criminal Law, International Dispute Resolution, International Economic Law, International Human Rights Law, International Humanitarian Law, International Trade Law, Islamic Law, Judicial Review and Human Rights: Theory and Practice, Law and Bioethics, Law and Risk, Patent Law in the Globalized World, Principles of Commercial Arbitration, Theoretical and Comparative Criminal Law, Transitional Justice

The Law School reserves the right to vary the above list and, in particular, the right to withdraw and add modules. Note that modules are offered in one semester only and timetabling considerations may also restrict choice. Further information on the precise modules available in a given year is available on the LL.M. website.

Admission Requirements

Applications for admission to the LL.M. programme are invited from well-qualified graduates who hold a very good Honors Bachelor degree in law or in a law-based interdisciplinary programme.

Applications will also be considered from exceptional graduates in related disciplines in the Arts, Humanities, and Social Sciences who can convincingly demonstrate that their studies have fully prepared them for the LL.M.

Assuming that this basic pre-requisite is in place, thereafter admission to the various LL.M. programmes is at the absolute discretion of the School of Law, which will decide on questions of admission having regard to a wide range of academic criteria, including the quality of the individual application and the objectives of ensuring a diverse LL.M. class of the highest possible academic calibre. Admission requirements may vary from programme to programme and from year to year.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Linguistic, Speech and Communications Sciences

| | |
|-----------------------------------------------------------|----------------------|
| Head of School | Professor John Saeed |
| Director of Teaching & Learning (Postgraduate) | Dr Lorna Carson |
| Telephone | +353-1-896 1560 |
| Email | clcsinfo@tcd.ie |
| Web | www.tcd.ie/slscs |

The School of Linguistic, Speech and Communication Sciences offers five taught Masters programmes and a comprehensive range of doctoral research opportunities in the study of general and applied linguistics, speech sciences, speech and language pathology, clinical linguistics and Deaf studies. The School was formed in 2005 from three main constituents: The Centre for Language and Communication Studies; the School of Clinical Speech and Language Studies; and the Centre for Deaf Studies.

The Centre for Language and Communication Studies, founded in 1979, is a centre of research in linguistics, applied linguistics, phonetics and speech science, and provides teaching at undergraduate and postgraduate levels. The Centre offers four integrated taught Masters Degrees in Linguistics, Applied Linguistics, English Language Teaching and Speech and Language Processing.

The Centre offers many opportunities for doctoral research. In linguistics students have conducted research on a diverse range of languages and in fields including language acquisition, computational linguistics (in collaboration with the School of Computer Science and Statistics), sociolinguistics, pragmatics, semantics, phonology, syntax, language planning, corpus linguistics, and language typology and universals. In applied linguistics doctoral supervision is available in areas such as autonomy in second/foreign language learning; bilingualism; language transfer; learner strategies and communicative strategies; media and technologies in language learning; metacognition and metalinguistic awareness; pragmatics and language learning; syllabus, learning materials and pedagogical grammar; the age factor in language learning; and the L2 mental lexicon. Research in applied linguistics has informed the activities of two campus companies of Trinity College: Authentik Language Learning Resources Ltd, which publishes language learning materials and books for language teachers, and Integrate Ireland Language and Training Ltd, which from 2001 to 2008 was funded by the Department of Education and Science to provide English language training for adult refugees and to support teachers of English as a second language to immigrant pupils in schools.

Funded research in the Phonetics and Speech lab has included a range of projects. Three current strands are: (1) the analysis and modelling of voice quality, with particular interest in how the voice source as a basic dimension of prosody is exploited both for linguistic purposes and for the paralinguistic communication of emotion and attitude, (2) the study of the prosody of Irish dialects and of different varieties of Irish English, (3) text-to-speech development for Irish and for Irish English. Researchers in the lab have been active in the development of prerequisites for the text-to-speech synthesis of Irish.

The Department of Clinical Speech and Language Studies is the longest established area for the education of speech and language therapists in Ireland. Two primary research areas within the department are communication in typical and atypical contexts, with particular emphasis on the social experience of communication difficulties and dysphagia (swallowing disorders). At postgraduate level, the department offers a range of research opportunities leading to the award of higher degrees (M.Sc., M.Litt., Ph.D.).

An interdisciplinary approach to research is encouraged. On application, a prospective student may be interviewed to assess the student's suitability and potential as a graduate student and to consider whether the appropriate supervision is available.

Specific research interests of the staff include: acquired communication disorders; dysphagia; augmentative and alternative communication; developmental disorders of speech and language; discourse analysis; fluency; gender issues; identity and disability; language and psychiatry; lifespan development; programme evaluation; voice; and written language development and disorders. The School also offers a range of opportunities for taught postgraduate courses in the area of speech language pathology, with clinical specialism in dysphagia, acquired communication disorders, augmentative and alternative communication and developmental disorders of speech and language.

The Centre for Deaf Studies was established in 2001 as a centre of excellence in education and research in the field of Deaf studies. Its core activities include training for Irish Sign Language tutors and Irish Sign Language/English interpreters, general training in the field of Deaf Studies and linguistic research focusing on describing Irish Sign Language (ISL). Its primary role as a teaching institute involves training native/near-native Irish Sign Language users.

The Centre offers opportunities for doctoral research in Deaf studies over a broad range of topics, ranging from sign linguistics to language planning and language rights. Current research areas include the linguistic description of Irish Sign Language; the Signs of Ireland project, which is building and transcribing a corpus of Irish Sign Language that will be of use to researchers in the fields of linguistics, interpreting, language teaching, anthropology and sociology; curriculum design for the teaching of Irish Sign Language; and interpreting between spoken and signed languages.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Applied Linguistics (M.Phil. / P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy, Clinical Speech and Language Studies (Part-Time)
- Doctor in Philosophy, Clinical Speech and Language Studies (Full-Time)
- Doctor in Philosophy, Centre for Language and Communication Studies (Part-Time)
- Doctor in Philosophy, Centre for Language and Communication Studies (Full-Time)
- Master in Letters, Clinical Speech and Language Studies (Part-Time)
- Master in Letters, Clinical Speech and Language Studies (Full-Time)
- Master in Science in Clinical Speech and Language Studies (Full-Time)
- Master in Science in Clinical Speech and Language Studies (Part-Time)
- Master in Science in Centre for Language and Communication Studies (Full-Time)
- Master in Science in Centre for Language and Communication Studies (Part-Time)
- Master in Letters, Centre for Language and Communication Studies (Part-Time)
- Master in Letters, Centre for Language and Communication Studies (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Clinical Speech and Language Studies (Part-Time)
- Doctor in Philosophy, Clinical Speech and Language Studies (Full-Time)
- Doctor in Philosophy, Centre for Language and Communication Studies (Part-Time)
- Doctor in Philosophy, Centre for Language and Communication Studies (Full-Time)
- Master in Letters, Clinical Speech and Language Studies (Part-Time)
- Master in Letters, Clinical Speech and Language Studies (Full-Time)
- Master in Science in Clinical Speech and Language Studies (Full-Time)
- Master in Science in Clinical Speech and Language Studies (Part-Time)
- Master in Science in Centre for Language and Communication Studies (Full-Time)
- Master in Science in Centre for Language and Communication Studies (Part-Time)
- Master in Letters, Centre for Language and Communication Studies (Part-Time)
- Master in Letters, Centre for Language and Communication Studies (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Gessica De Angelis |
| Course Email | gessica.deangelis@tcd.ie |
| Course Tel | +353-1-896 1106 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This long-established course is aimed at teachers of second and foreign languages. The discipline of applied linguistics investigates a range of issues around language in contemporary society. Among these, the most prominent issues – and the central topics of the M.Phil. in Applied Linguistics – are those surrounding second and foreign language education. It is often said that globalisation has made the learning of additional languages an essential goal in education, but in truth, language learning has been important in most places at most times. In spite of this, language education in its various aspects was under-researched until the 1960s, so that applied linguistics is a relatively young, but increasingly important field.

There are two central strands in the applied linguistics of language teaching and learning. One, usually called second language acquisition, investigates the psychology of language learning, which is a phenomenon that is not confined to the classroom or other instructed contexts. The other, second language pedagogy, focuses on instruction at various different scales: language education policy, curriculum, teaching methods, and learning tasks. Given this educational focus, applied linguistics draws not only on linguistics, but also on educational psychology, educational philosophy, social psychology, and cognitive psychology, among other disciplines.

Students need not have any background in linguistics or applied linguistics. They are normally expected to have language teaching experience. Indeed, many of our students have been practising teachers who wish to expand their career horizons by deeper study of the current state of the art in language education. In particular, CLCS has from the start been closely involved with the development of the Common European Framework of Reference for Languages (CEFR) and the associated European Language Portfolio, and the rationale for and practical use of these increasingly important tools are a recurring theme in the course.

Our alumni have followed various career paths in language education and other language professions, with many opting to pursue research at a higher level through the Ph.D., here in CLCS or elsewhere. For some, Ph.D. research has led to professional academic employment.

For more information be sure to visit the course website, and don't forget to read the Frequently Asked Questions. If you can't find the answer to your questions, feel free to contact the course coordinator.

Admission Requirements

Applicants are normally required to possess a good primary degree or equivalent qualification. Previous knowledge of applied linguistics is not a requirement. Normally only graduates with language teaching experience are admitted to the course in Applied Linguistics. Students who are not native speakers of English are expected to attend the orientation course in English for Academic Purposes in CLCS in the month preceding the start of the academic year. Applicants must complete the Personal Statement section of the application form and explain their motivation in applying for their chosen course(s).

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Chinese Studies (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Lorna Carson |
| Course Email | carsonle@tcd.ie |
| Course Tel | +353-1-896 1560 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Chinese Studies is a multidisciplinary field of study, drawing upon and integrating disciplines such as History, Linguistics, Politics, Social Policy, Cultural Studies and Translation Studies. The course focuses on China today and China over the last century. This course offers a unique and vibrant educational experience which equips its students to be global citizens. The M.Phil. programme offers the opportunity to engage with key aspects of contemporary China, including its political and economic landscape, modern history, society, popular culture and language. Given China's economic impact and international reach, this course equips its graduates to engage deeply with contemporary China. The multidisciplinary nature of the course can accommodate students from a wide range of backgrounds. The M.Phil. in Chinese Studies incorporates an integrated Study Abroad module: a period of time spent at one of Trinity's partner universities. This permits students to develop their Mandarin language skills as well as to experience campus life.

Admission Requirements

Admission to this course is at graduate level, and applicants will hold a good honours degree (minimum II.1) from a recognized university. The course is designed for students from a wide range of backgrounds. A background in Arts, Humanities and Social Sciences is helpful but not a requirement. The M.Phil. in Chinese Studies is designed to provide a multidisciplinary introduction to the discipline of Chinese Studies without requiring any specific prior knowledge of China or language proficiency. The course has two different strands for students with no prior knowledge of Mandarin and students with intermediate or advanced Mandarin. For students with no prior knowledge of Mandarin, proven language learning ability will be useful, although not necessarily in an Asian language.

Language entry criteria, Strand 1: There are no specific Chinese language entry criteria for Strand 1. Applicants must satisfy the University's English language requirements.

Language entry criteria, Strand 2: Strand 2 applicants must already have at least foundational reading skills in modern Chinese as well as proof of language proficiency at the B1 proficiency level (or equivalent). The B1 proficiency level means that you can understand the main points of standard spoken Mandarin, you can read and understand written texts on familiar topics in modern Chinese; you can participate in conversations on everyday topics, and you can write short texts in simplified Chinese. This strand also caters to native speakers of Mandarin. Students who wish to apply to Strand 2 must submit transcripts or equivalent certification of their language learning experience/accomplishments at the time of application as a supplementary document. For native Mandarin speakers, such certification should be in the form of documentation confirming that their primary degree or schooling was completed through Mandarin. These will be considered on a case by case basis by the course committee. Applicants must also satisfy the University's English language requirements.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Clinical Speech and Language Studies (Dysphagia) (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Margaret Walshe |
| Course Email | cslspostgraduate@tcd.ie |
| Course Tel | +353-1-896 1496 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This one year part-time course offers qualified Speech and Language Therapists who already have a license to practise an opportunity to develop specialist skills in all aspects of dysphagia (swallowing disorders) in both adult and paediatric populations. Classes are timetabled to facilitate Speech and Language Therapists in employment and overseas students. The course comprises core modules on dysphagia incorporating basic research methods, evidence based practice, counselling, therapy processes and reflective practice. Students must also complete 80 hours of clinical practice. Those students who have not completed a qualifying course in dysphagia must complete an additional one week introductory course and undertake a minimum of 40 hours supervised clinical work in dysphagia (with experienced supervisors to be recognised by the Department of Clinical Speech and Language Studies at Trinity College Dublin). Students are expected to organise these clinical hours prior to registration on the course. Students should ensure that proposed supervisors have been agreed with the Department. Please note, this programme may not be offered unless a minimum of five applications are received.

Admission Requirements

Eligible candidates for the Postgraduate Diploma course should hold at least an upper second class honors degree in Clinical Speech and Language Studies or an equivalent qualification in Speech and Language Therapy. Previous clinical experience in dysphagia is taken into consideration. Students for whom English is not a first language must obtain a minimum IELTS score (academic version) of 6.5 with no individual band below 6.5.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Clinical Speech and Language Studies (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Margaret Walshe |
| Course Email | cslspostgraduate@tcd.ie |
| Course Tel | +353-1-896 1496 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The aims of the course are to provide qualified Speech and Language Therapists with opportunities to advance their academic knowledge and professional practice skills with specific clinical populations. These courses provide additional specialist qualifications to already qualified Speech and Language Therapists and do not serve as initial qualifications to practise as a Speech and Language Therapist.

The two-year part time M.Sc. course takes place during twelve 5-day weeks spread over a 2-year period. There is an opportunity for students taking specialist strands in Voice, Acquired Communication Disorders and Dysphagia specialist strands to do a one-year full time course. This course takes place during twelve 5-day weeks spread over one year. All students must attend Trinity College for these teaching weeks. Additional assignments and clinical work must be completed outside of these weeks. During the M.Sc. course, students must complete a minimum of 80 hours clinical work in their chosen specialist area. Students who take the dysphagia specialist strand and who have not completed a qualifying course in Dysphagia will have to complete an additional intensive week of study. These students must have at least 40 of the required 80 clinical hours supervised by Speech and Language Therapists recognised by the Department of Clinical Speech and Language Studies at Trinity College Dublin. Students should organise their own clinical work prior to commencing the course but must ensure that, where supervision is required, proposed supervisors have been agreed with the Department. For the part time M.Sc. course, core and specialist modules are taught during Year 1; research project and dissertation are the main focus in Year 2. For full time students, core modules and a dissertation are completed in one year. Classes are timetabled to facilitate clinicians in employment and overseas students. Specialist Strands offered for 2016/2017: Acquired Communication Disorders; Dysphagia; Developmental Communication Disorders; Fluency; Voice; Augmentative and Alternative Communication; Communication Disorders and Adult Mental Health. Each specialist strand will only run if a minimum of five students registers for that strand.

English Language Teaching (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Gessica De Angelis |
| Course Email | gessica.deangelis@tcd.ie |
| Course Tel | +353-1-896 1106 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course is aimed at both experienced and non-experienced teachers of English as a foreign or second language. The programme gives practising teachers the opportunity to explore current issues in ELT, and to deepen their understanding of the theoretical and practical concerns that underlie their teaching. For non-experienced teachers, there is a "Practices in TESOL" strand, which involves taking the electives English Language Teaching Practice 1 and 2. These electives offer structured and supervised classroom teaching, which exceed the current requirements of international professional TESOL certifications like CELTA.

The programme benefits in particular from CLCS's involvement in the development and implementation of two Council of Europe tools that are important in the current debate about language learning, teaching and assessment world-wide: the Common European Framework of Reference for Languages and the European Language Portfolio. Students take six modules and undertake a research project leading to a 15,000 word dissertation. Four core modules are mandatory and two are elective options. Core modules include: Describing English Grammar; Language Testing; Pedagogical Grammar of English; Second Language Curriculum Planning and Implementation. The elective modules for experienced teachers include: History and Globalisation of English; Corpus Linguistics; Technology, Language, and Communication; Language Variation and Change; Linguistic Pragmatics; Bilingualism and the Maintenance of Irish; Second Language Teaching; Multilingualism. The elective modules in the "Practices in TESOL" strand for non-experienced teachers include: English Language Teaching Practice 1 and 2

Admission Requirements

Applicants should have a good honors degree (at least an upper second or equivalent; GPA of at least 3.2). Preference is given to applicants with relevant teaching experience. Students who are not native speakers of English are expected to attend the orientation course in English for Academic Purposes in the CLCS in the month preceding the start of the academic year. All applicants are expected to show proficiency in at least one language other than their first language. Applicants must complete the Personal Statement section of the application form and explain their motivation in applying for their chosen course(s).

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Linguistics (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Gessica De Angelis |
| Course Email | gessica.deangelis@tcd.ie |
| Course Tel | +353-1-896 1106 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Linguistics is the systematic study of human language. It has its roots in antiquity, though the twentieth century saw an explosion of research and the development of new theories and approaches. Linguistics has become an exciting and vigorous area of study, with strong connections to many fields including psychology, sociology, anthropology, cognitive science, computer science, and philosophy.

Language is complex, and linguistics attempts to describe and explain the full range of that complexity, especially speech sounds, the grammar of words and sentences, and how meaning relates to words, grammar and context. The M.Phil. in linguistics gives due weight to all of these, with core modules in Describing Grammar, Describing Meaning, Describing the Sounds of Languages, and Laboratory Phonetics and Phonology. A varied menu of optional modules gives students the opportunity to investigate social, psychological, historical and advanced topics in linguistic theory.

The M.Phil. in Linguistics has been running for nearly 30 years. Our students – who are not expected to have any background in linguistics – have in some cases come from language professions (translating, interpreting, teaching, speech and language therapy, publishing...), or direct from undergraduate degrees which include language-centred elements (English, modern languages and literature, anthropology, classics, psychology, sociology). In other cases, they have simply been people who are intrigued by language and wish to study it in a more systematic fashion. In general, the M.Phil. in Linguistics is likely to appeal to students with a talent for careful, systematic argument, and who wish to understand the mysteries of language.

Our alumni have followed various career paths in the professions named above, with many opting to pursue research at a higher level through the Ph.D., in CLCS or elsewhere. For some, Ph.D. research has led to an academic career.

For more information be sure to visit the course website, and don't forget to read the Frequently Asked Questions. If you can't find the answer to your questions, feel free to contact the course coordinator.

Admission Requirements

Applicants are normally required to possess a good primary degree or equivalent qualification. Previous knowledge of linguistics is not a requirement. Students who are not native speakers of English are expected to attend the orientation course in English for Academic Purposes in the CLCS in the month preceding the start of the academic year. Applicants must complete the Personal Statement section of the application form and explain their motivation in applying for their chosen course(s).

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Speech and Language Processing (M.Phil. / P.Grad.Dip.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Gessica De Angelis |
| Course Email | gessica.deangelis@tcd.ie |
| Course Tel | +353-1-896 1106 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Speech processing is the science concerned with how speech communication works: how speech is produced by the speaker and understood by the listener. It is also concerned with how these processes can be analysed and modelled, and with how these models can be used to develop technologies that also produce and understand speech (synthetic voices, speech recognisers). The science and technology involved are fundamental to the understanding and remediation of disordered speech. The science of speech is thus at the intersection of many disciplines, particularly linguistics, psychology, acoustics, and engineering.

Language processing, in parallel, deals with computational theories of grammar and meaning, and provides access to fundamentals of linguistics as a science and as an engineering discipline. As a science, it is concerned with the fact that language is used as a medium for thought as well as for communication. As an engineering discipline, it is concerned with tools that work: predictive text in telephones, automated personal assistants, web search, and so on. The fact that you are reading this sentence entails that you have taken advantage of one or more language technologies; it would not be visible to you otherwise. The fact that you understand this sentence (or any sentence) begs all of the questions of cognitive science such as what "meanings" are and how people reason with them. Our students come from many backgrounds. Some have a background in language study, some have an interest in clinical speech and language analysis, some have a background in psychology, computer science or engineering. In general, they are people who have an analytical bent (they may be interested in how dialects differ, they may love crossword puzzles or find legal reasoning entertaining) and wish to know more about what makes human language work.

Our alumni have followed various career paths, with many opting to pursue research at a higher level through the Ph.D., in CLCS (e.g., becoming involved in research projects in the Phonetics and Speech Lab), with the computational linguists in TCD's School of Computer Science and Statistics, and in other leading institutions, internationally. Some have also used this course as a foundation to enter Speech Therapy programmes in Ireland and abroad. For more information be sure to visit the course website, and don't forget to read the Frequently Asked Questions. If you can't find the answer to your questions, feel free to contact the course coordinator.

Admission Requirements

Applicants are normally required to possess a good primary degree or equivalent qualification. Previous knowledge of the field of speech and language processing is not a requirement. Students who are not native speakers of English are expected to attend the orientation course in English for Academic Purposes in the CLCS in the month preceding the start of the academic year. Applicants must complete the Personal Statement section of the application form and explain their motivation in applying for their chosen course(s).

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Psychology

| | |
|-----------------------------------------------------------|-----------------------|
| Head of School | Dr David Hevey |
| Director of Teaching & Learning (Postgraduate) | Dr Jean Quigley |
| Telephone | + 353-1-896 3907 |
| Email | byrnelu@tcd.ie |
| Web | www.psychology.tcd.ie |

The School has a variety of research activities spanning a diverse range of areas. The School is prominently associated with five research groups in the College: the Trinity College Institute of Neuroscience, the Children's Research Centre, the Trinity College Centre for Global Health, the Trinity College Research Centre for Psychological Health and the Trinity College Centre for Innovative Human Systems.

The School is equipped with a computer laboratory, multi-media facilities, EEG and behavioural neuroscience laboratories, video-observation suites, sound attenuated experimental testing suites and fMRI analysis capability. There are ongoing innovative collaborations with hospitals and medical services. Members of the School consistently publish in high-impact international scientific journals and receive significant research funding from national and international sources.

Our Postgraduate Programme develops high calibre psychologists who advance psychological science and practice. Leading international experts provide excellent training in research methodology and foster academic excellence in a range of research areas on our M.Sc. and structured Ph.D. programmes. The School encourages active participation in national and international collaborations, and attracts many visiting academics and international graduate students.

The minimum registration period for the M.Sc. (full-time) is one year, and the thesis of not more than 60,000 words must normally be submitted within two years.*

The minimum registration period for a Ph.D. (full-time) is two years and the thesis of not more than 100,000 words must normally be submitted within four years.*

*Depending on the subject nature of the thesis, word count guidelines as laid out above may not apply. Your supervisor will advise on an acceptable length for the thesis.

The International Doctorate in Global Health (Indigo) is coordinated by the Centre for Global Health at Trinity College, Dublin. Participating partners include Addis Ababa University (Ethiopia), University of Malawi, Ibadan University (Nigeria), Makerere University (Uganda), Columbia University (USA), Harvard Medical School (USA) and UK Cochrane Centre (UK).

Admission to all Research Programmes

There are two start/registration dates for postgraduate research programmes: September and March of each academic year.

Closing Date for Applications: While there is no deadline for applications, please note that any new student wishing to apply for School or College research funding must submit their application by the 1st May 2017 for the 2017/2018 academic year (September 2017 and March 2018 intake). Please note that funding is currently contingent on registration as a full-time Ph.D. student. Students must make their application for Postgraduate studentship awards in conjunction with their Ph.D. application. This process is done online via www.tcd.ie/courses/postgraduate/.

How to Apply: New entrants to the Research Register must make their applications online via www.tcd.ie/courses/postgraduate/.

Funding Sources: There are a number of Postgraduate research student funding schemes operated by the College and external funding agencies. After the first year some postgraduates can earn a modest amount by undertaking part-time teaching or demonstrating in the School or elsewhere in the College. Some staff may be able to provide support from their own research grants or from other sources.

The School runs an annual appraisal system for all postgraduate research students to support their progress throughout the course of their research. Two independent members of staff are assigned as the student's appraisal committee at the beginning of their studies. As part of this system each student is required to present a progress report to their appraisal committee every year. In addition students must make a research presentation to academic staff and fellow research students in their first and last year of registration.

Postgraduate research students are expected to attend the School's research seminars, which take place on a regular basis during the teaching terms.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Applied Behaviour Analysis (M.Sc.)

March 2017 Entry

- Doctor in Philosophy, Psychology (Part-Time)
- Doctor in Philosophy, Psychology (Full-Time)
- Master in Science in School of Psychology (Part-Time)
- Master in Science in School of Psychology (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Psychology (Part-Time)
- Doctor in Philosophy, Psychology (Full-Time)
- Master in Science in School of Psychology (Part-Time)
- Master in Science in School of Psychology (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Asst. Prof. Olive Healy (Year 1), Asst. Prof. Maeve Bracken (Year 2) |
| Course Email | grahamyv@tcd.ie |
| Course Tel | +353-1-896 3907 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This is an intensive full time course which aims to ensure that students become efficient in the practical application of the principles of applied behaviour analysis, with particular regard to persons with autism and other developmental disabilities and/or children and adolescents in care or special programmes, and/or those clients presenting learning and/or behavioural challenges in school. The content of this course focuses on behavioural theory and application. This course provides professional training in Applied Behaviour Analysis (ABA) for a yearly intake of up to 15 students.

Formal classes run from late September to late May and are normally held one day every week and on occasional weekends. Additionally, students meet with a Board Certified Behaviour Analyst (BCBA) for 1–2 hours every other week from October to September. Dissertation research is initiated during the academic year of Year 2 and continued and finalised during the summer months. Classes are normally arranged to take place on one weekday with additional classes taking place on occasional weekends as required. Placement practice in behaviour analysis must be facilitated by an external BCBA. Students receive continuous assessment and feedback through their regular supervision sessions and participation in class activities. Placement practice in ABA is also reported at intermediate and end points during the year. Students must maintain a portfolio of their work throughout the course.

Course Content: Graduates of this course are skilled to engage in the ethical practice and research of ABA, to conduct functional behavioural assessments, implement and design behaviour support plans or learning/skill acquisition programmes, and analyse and display data to make informed decisions around intervention and learning needs. Modules include:

- ABA Definitions, Characteristics and Basic Principles
- Ethics in ABA
- Selecting, Defining and Measuring Behaviour
- Behavioural Assessment
- Behavioural Intervention, Measurement and Evaluation
- Advanced Research and Data Analysis in BA
- Professional and Ethical Practice in ABA
- Research Dissertation
- Positive Behaviour Support
- Theoretical Approaches in Behaviour Analysis
- Applications of Recent Theoretical Advances in Behaviour Analysis

Clinical Psychology (D.Clin.Psych.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 3 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | amatthew@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Within the three years, the course provides an intensive and systematic programme of training, equipping each student to meet the challenges facing clinical psychology and to make a unique contribution to the Irish Health Services.

The course is structured so that the academic teaching typically takes place in term time for one and a half days per week. In addition, each placement is preceded by a teaching block of approximately four weeks duration. Students complete six clinical placements during the course, each of approximately five months duration, providing knowledge, skills and experience to work with as wide a range of clients as possible. Research training is continuous across the programme.

Course requirements include continuous clinical assessment, examinations and a research portfolio combining reports of clinical activity, small and large scale research projects and demonstrating research competency across a range of methodologies. Progress on the course is assessed by an end-of-year review which each student must pass.

Research interests of staff include attachment theory, developmental psychopathology, health psychology, research methods, forensic psychology, risk perception, quality of life perception and applied behaviour analysis.

Students of the course are employed by an approved health care provider and graduates are required to complete an additional three-year contract of employment with their sponsoring service provider.

Admission Requirements

The course currently attracts a high number of applicants and competition for the limited number of places is intense. Requirements for selection include a primary honours degree in psychology with at least an upper second class award or equivalent. Good research skills and relevant experience are essential. Candidates are required to hold graduate basis for registration with the Psychological Society of Ireland.

How to Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

Admission Requirements

Applicants will normally be required to hold at least an upper second class honours degree in Psychology or a related field from a recognised 3rd level institution.

How to Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

Applied Psychology (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Tim Trimble |
| Course Email | brennak2@tcd.ie |
| Course Tel | +353-1-896 2290 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The course is designed to provide students with a thorough appreciation of issues in applied psychology, knowledge of the skills required to apply psychology effectively, and a detailed understanding of their chosen focus of application. The themes of analysis, intervention and evaluation are central to the structure and philosophy of the course, which establishes a firm basis for students to further professional training and development in psychology. The core modules provide training in research methods and professional issues. Optional modules enable further development of these competencies and knowledge while enabling students to consider their application in specified content areas. The following two core modules are compulsory and will be offered every year: Philosophical and professional issues in applied psychology and Research Methodology and Statistics.

In general, optional modules will be offered every year (subject to staff availability, timetabling constraints and demand). The following is an example of the range of modules that have been offered: Theory of Psychotherapy; Introduction to psychometrics; Applied behaviour analysis; Applied psychology; Health psychology; Issues in child and adolescent clinical psychology; Issues in adult clinical psychology and Issues in clinical psychology and intellectual disability. In addition, all students will be required to submit a dissertation based on an empirical investigation of a topic in applied psychology.

Admission Requirements

Applicants will be required to hold at least a minimum of an upper second class honours degree (2.1) in psychology or its equivalent from a recognised university course, which confers eligibility for graduate registration with the Psychological Society of Ireland or equivalent professional body in the case of overseas applicants.

Clinical Supervision (M.Sc. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Mary Creaner |
| Course Email | creanerm@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc./P.Grad. Diploma in Clinical Supervision part-time course is aimed at practitioners in the helping professions who normally hold an honours degree in psychology or a related field and relevant post-graduate experience. It is specifically aimed at practising psychologists, (counselling, clinical, educational, health, work and organizational, etc.) psychotherapists, counsellors and mental health professionals who wish to further their professional development, reflective practice capability and train as supervisors.

The course is normally scheduled to take place on Saturdays (maximum two per month) and occasional Friday afternoons (approx five per year) to facilitate students who have work commitments. All students register on the M.Sc. course in the first instance. Students may choose to exit with a Postgraduate Diploma in Clinical Supervision on successful completion of Year 1 course requirements. The Postgraduate Diploma as an exit qualification is equivalent to 60 ECTS. Students who successfully complete all the required elements of the M.Sc. course will be awarded the M.Sc. in Clinical Supervision.

Course Content

The M.Sc. comprises eight modules including a supervised Professional Clinical Practice Module and a Dissertation. Costs associated with clinical supervision of the Professional Clinical Practice Module are additional to course tuition fees and the responsibility of the student. In Year 2, M.Sc. students are required, under research supervision and support, to submit a dissertation based on empirical enquiry into an aspect of clinical supervision. All modules are compulsory and each has an assessment component. Competence is developed through a combination of lectures, experiential learning workshops, discussions, clinical supervision, group and peer supervision, written assignments, tutorials and professional clinical practice.

Admission Requirements

- Applicants will normally be required to hold an honours degree in psychology or a cognate discipline.
- Post qualification and/or training/experience in supervision
- Demonstration of commitment to ongoing professional development (e.g. workshops, seminars)
- Practising and a full member of a recognised professional body (e.g. the Psychological Society of Ireland, the Irish Council for Psychotherapy, the Irish Association for Counselling and Psychotherapy or professional equivalent.
- Have access to a supervisee base for professional clinical practice
- Hold professional indemnity insurance for supervision
- Formal application to include an updated CV, 2 references, evidence of EU status, as relevant, and an individual interview

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Counselling Psychology (D.Couns.Psych.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 3 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | camcnall@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This intensive course provides a professional training in counselling psychology for a yearly in-take of up to approximately 12 to 14 students. The three main objectives of the course are (1) to allow students to obtain a level of postgraduate academic and research performance appropriate for the award of a doctoral qualification, (2) to progress this academic and research performance with the practice of counselling psychology, and (3) to acquire professional knowledge and skills. The course emphasizes the scientist-practitioner model and research-informed practice. The scientist-practitioner model is fostered through research classes and work on the research dissertation. Students are informed on a variety of research strategies (including e.g. experimental, quasi-experimental as well as descriptive and qualitative, phenomenological, hermeneutic, discourse analytic and grounded theory approaches) and learn to critically evaluate the strengths and weaknesses of different methodologies.

Course Content and Structure

Taught classes as well as counselling skills training, supervision and reflective practice modules emphasises the application of current psychological knowledge informed by empirical research in the work of the counselling psychologist. The students are facilitated to be aware of current research findings and to incorporate them into their clinical practice. In the first year the course offers academic and practical skills training in counselling psychology and related research. After the first few weeks of concentrated, full time coursework and personal development work, 2 full days per week are spent on placement and 2–3 days in classes. The D.Couns. Psych. offers a wide range of course approved placement options in community, health, mental health, education and private practice settings, as well as welcoming new student recommended sites, particularly for those students residing outside the greater Dublin area. At least 3 different placements are required during the 3 years of the course. The second year involves further training in counselling theories and practice, and students conduct a research dissertation related to counselling psychology, initiated during the summer before entering second year.

Personal development work, including individual therapy, is required throughout the 3 years. The third year includes small group supervision, reflective practice, and advanced counselling and psychotherapy theory and its application. However, the main focus will be on research. A research project resulting in the doctoral dissertation is carried throughout the three years. Courses are taught and supervision provided by both core staff and other practitioners from varied theoretical orientations. Humanistic theory underlies the course. Psychodynamic and systemic perspectives are also emphasised, and training in cognitive behavioural approaches is provided. Practical placements continue through the summer and always follow the placement site's calendar, not that of College. Guidelines for all aspects of the course are provided. All components of the course must be passed i.e., practical, academic; research, and personal development, as well as members of the Court of Examiners recommending the student as suitable to receiving the Doctorate in Counselling Psychology degree.

Graduates of this course are skilled to conduct mental health assessments and therapy with individuals, couples and groups across the lifespan. Typically, they start to specialise during their studies and further develop their skills after the course. They are employed by Health Service Executive, e.g. the National Counselling Service, Refugee and Asylum Seekers Service, Autism Services; Voluntary agencies; e.g. St. John of God's Services, Brothers of Charity Services, National Association for the Deaf; third level student counselling services; private practice; research settings; and multiple other locations.

Admission Requirements

Applicants must normally hold at least a second class honours degree upper division (2.1) in Psychology recognised by the Psychological Society of Ireland or equivalent (a conversion degree in Psychology) with relevant professional experience when they start the course.

International applicants with equivalent qualifications are most welcome to apply.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Managing Risk and System Change

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years online |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof. Nick McDonald |
| Course Email | siobhan.corrigan@tcd.ie |
| Course Tel | +353-1-896 2605 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This online course is relevant to safety critical industries across the globe and focuses on people already in work, who have responsibility for managing: risk; change; safety; quality; planning; system design. It brings the next generation of safety, risk and change management to you, in your work, embedded in your everyday practice with a systemic, proactive and performance focus.

The overall objective of this online Masters programme is to provide a rigorous but practical focus on risk, change and system design in operations, manufacturing and services, with an innovative integrated approach to the role of people in such systems. It provides a core framework that has been tested in collaborative industrial research and practice for managing and developing people, the design and integration of new technologies, the management of risk and the implementation of change. World-class international teams who have collaborated through industrial research has been mobilised to provide the highest calibre research led teaching, supervision and professional expertise.

This course provides students with a stimulating online learning experience by creating a structured yet flexible learning approach. The place of study is flexible as online delivery allows students to engage in learning activities at

Psychoanalytic Studies (M.Phil. / P.Grad.Dip.)

home or in the workplace and there is no requirement to attend the Trinity campus in Dublin. Students will have access to weekly materials using a virtual learning environment and the opportunity to engage with other students and lecturers using a variety of online discussion boards.

Students will also become part of a global community of practice, a community of professional learners, across a range of safety critical sectors, where they will benefit not only from the academic and industrial experts delivering the course but also from the extended network of fellow students.

The programme will be an excellent qualification to supplement the further education and career development of personnel who have responsibility for managing: risk; change; operations; quality; safety; human resources; planning; and system design. Generic knowledge and skills in managing risk and change enhances key organisational competence and increases resilience of industrial and service systems.

Admission Requirements

Applicants will normally be required to hold an Honours degree or equivalent and have at least 3 to 4 years appropriate professional experience.

Applicants will also have to be in (or have access to) an employment setting that facilitates the applicant to be able to satisfy the applied research aspect of the course. In exceptional circumstances, the course shall make appropriate recommendations to the Dean of Graduate Studies for candidates who do not fully meet the above criteria but make a reasonable case for admissions otherwise.

Students whose first language is not English will need a recognised English language qualification in line with the requirements as laid down in Postgraduate Calendar Part 3 Section 1.5 Language of Instruction.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr John O'Connor |
| Course Email | byrnelu@tcd.ie |
| Course Tel | +353-1-896 3907 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Masters of Philosophy in Psychoanalytic Studies offers graduates a thorough introduction to the history, theory and applications in clinical work and in the wider culture of psychoanalysis from Freud to modern writers in this broad field. The course is of interest to people from a variety of backgrounds, including graduates of psychology, philosophy, and other university programmes, as well mental health professionals, people who work in the fields of the arts, education and health, among others.

The course typically covers areas such as basic psychoanalytic concepts, dreams, dreaming and symbolic life, the emotional world of the child, psychoanalysis and the arts, clinical states of mind and object relations theory. The content of modules may vary from year to year. Students are required to complete a thesis on a psychoanalytic theme for submission at the end of the programme.

Admission Requirements

Applications are normally accepted only from persons with a first or upper second class degree (2.1) in an appropriate arts, social science or science subject.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Psychology (Conversion Course)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Jean Quigley |
| Course Email | brennak2@tcd.ie |
| Course Tel | +353-1-896 2290 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. Psychology (Conversion Course) is a postgraduate conversion course for students who wish to pursue a professional career in psychology (e.g., in counselling psychology, clinical psychology, educational psychology, occupational psychology or other related areas) but who do not hold an honours degree in psychology and are not eligible for Graduate Basis for Membership from the Psychological Society of Ireland (PSI). The course structure and curriculum have been designed to provide an education in psychological theory and research methods of sufficient breadth and depth for the course to be taken as a first qualification giving eligibility for the Graduate Membership of the Psychological Society of Ireland (PSI).

Admission Requirements

Applicants will be required to hold at least an upper second class honors Bachelor degree or its equivalent (for example, GPA 3.3) from a recognised university course. They will have at least 60 psychology ECTS credits or cognate ECTS credits (for example, credits earned from psychology modules taken as part of a sociology or economics degree). Alternatively, applicants will have completed a minor Psychology honours degree that did not confer eligibility for the Graduate Basis for Membership from the Psychological Society of Ireland. Relevant qualifications and psychology credits earned include those taken in the course of a degree in Anthropology, any of the Natural Sciences, Computer Science, Economics, Education studies, Health and Social Care, Human Resources, Humanities combined awards, Law, Linguistics, Marketing, Mathematics, Medicine, Nursing, Philosophy, Politics, Psychotherapy or Counselling, Social work, Sociology, or Youth and Community Studies. Applicants to the course will be required, at the application stage, to supply transcripts and to provide detailed information about the contact hours, ECTS credit volume, content and assessment of psychology-related or cognate modules completed during their primary degree. This information will form the basis for their admission to this course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Psychology (H.Dip.) – Psychology Conversion Course

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | brennak2@tcd.ie |
| Course Tel | +353-1-896 2290 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The purpose of the course is to provide a pre-professional qualification in psychology, which confers eligibility for graduate membership of the Psychological Society of Ireland (PSI) and allows a student to proceed to postgraduate training, including higher degrees by research, and to specialise in an area of professional psychology. It is a two year full-time course based on lectures, tutorials, laboratory classes and research projects.

Candidates for admission to the Higher Diploma in Psychology must hold a primary degree, in any discipline normally with at least an upper second-class honors. Application for entry is not via the CAO system.

Students will cover the following areas of psychology, as required for professional accreditation:

- Biological basis of behaviour
- Cognitive psychology
- Research design, quantitative and qualitative methods
- Developmental and lifespan psychology
- Social psychology
- Personality and individual differences

Students are evaluated by course work assessment throughout the year, by written examination papers at the end of each year of the course, and by research project in the second year. The student must complete all the work prescribed.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Confederal School of Religions, Peace Studies and Theology

| | |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Head of School | Professor Siobhan Garrigan |
| Director of Teaching & Learning (Postgraduate) | Prof. David Shepherd |
| Telephone | +353-1- 896 4771 |
| Web | www.tcd.ie/religions-peacestudies-theology/ |

Research Programmes

Welcome to the Confederal School of Religions, Peace Studies and Theology which brings together three departments: the Department of Religions and Theology; the Irish School of Ecumenics (Dublin and Belfast); and the Loyola Institute. Located in the Faculty of Arts, Humanities and Social Sciences, the Confederal School engages with such diverse areas as, biblical studies, ecumenics, conflict resolution, theology, ethics, religious studies, international peace studies, reconciliation and intercultural theology as independent but related disciplinary fields. Research and scholarship are integral to the activities of each of the three academic units of the Confederal School, with different but inter-related research strengths and thematic priorities within each unit.

Department of Religions and Theology

The Department of Religions and Theology has research strengths in Biblical Studies and Early Christianity, Ethics and Christian theology, and in Religious Studies. Its staff members have published in the following areas in which they invite applications for postgraduate supervision: Religious Studies; Biblical Studies; Early Christianity; Christian Theology; Studies in Early Christianity and Philosophical, theological and domain-specific ethics. While these are key areas of competence in the Department, applications for research projects on cognate themes are welcome.

Irish School of Ecumenics

The Irish School of Ecumenics is committed to the study and promotion of dialogue, peace and reconciliation in Ireland and other contexts worldwide. ISE is recognised for its vigorous interdisciplinary approach to teaching, research and social engagement. Theoretical and applied research are at the heart of ISE as a graduate institute, where students and staff engage with critical issues facing global societies, governments, faith communities and international institutions and NGOs committed to the promotion of peace and reconciliation. Initial enquiries should be directed to ressec@tcd.ie

Loyola Institute

The Loyola Institute is dedicated to education and research in theology in the broad Catholic tradition. Our central concern is the creative intersection of theology, Church and contemporary society. We particularly welcome research projects in this field. The Institute has a particular research concentration in issues of social justice and on theology's role in social and political difficulty. Theology's potential contribution to dialogue across the boundaries of difference, especially regarding ecumenism, poverty, matters of identity and human rights is another area of research interest and strength, as is engagement with critical theory and political philosophy and theology.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Christian Theology (M.Phil. / P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy, Irish School of Ecumenics (Part-Time)
- Doctor in Philosophy, Irish School of Ecumenics (Full-Time)
- Doctor in Philosophy, Loyola Institute (Full-Time)
- Doctor in Philosophy, Loyola Institute (Part-Time)
- Doctor in Philosophy, Dept. of Religions and Theology (Part-Time)
- Doctor in Philosophy, Dept. of Religions and Theology (Full-Time)
- Master in Letters, Irish School of Ecumenics (Part-Time)
- Master in Letters, Irish School of Ecumenics (Full-Time)
- Master in Letters, Loyola Institute (Full-Time)
- Master in Letters, Loyola Institute (Part-Time)
- Master in Letters in Religions and Theology (Part-Time)
- Master in Letters in Religions and Theology (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Irish School of Ecumenics (Part-Time)
- Doctor in Philosophy, Irish School of Ecumenics (Full-Time)
- Doctor in Philosophy, Loyola Institute (Full-Time)
- Doctor in Philosophy, Loyola Institute (Part-Time)
- Doctor in Philosophy, Dept. of Religions and Theology (Part-Time)
- Doctor in Philosophy, Dept. of Religions and Theology (Full-Time)
- Master in Letters, Irish School of Ecumenics (Part-Time)
- Master in Letters, Irish School of Ecumenics (Full-Time)
- Master in Letters, Loyola Institute (Full-Time)
- Master in Letters, Loyola Institute (Part-Time)
- Master in Letters in Religions and Theology (Part-Time)
- Master in Letters in Religions and Theology (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Professor Gillian Wylie |
| Course Email | loyolainstitute@tcd.ie |
| Closing date | 30th June 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Religious issues are an important part of public debate in contemporary pluralist societies. Many crucial social and political matters are affected by religious concerns and key policy debates require expertise and literacy in religious and theological concepts, traditions and practices. At the global, European and Irish levels a critical understanding of the Christian tradition is imperative, given the historic and continuing influence of this tradition. This MPhil in Christian Theology provides students with the opportunity to gain an in-depth knowledge of the core disciplines of theology and to develop skills of critical thinking in relation to them. Its focus, on pluralist and critically constructive theological studies of the highest academic standing, will allow students to contribute to public debates on religious/theological issues in contemporary societies.

The course incorporates both taught and research components. Students must take six taught modules (10 ECTS each) comprising three core and three optional modules, and write a 15,000 word dissertation (30 ECTS). The taught modules are made up of three core modules and three optional modules.

The three core modules are: Method and Theory in the Study of Theology; Violence and Grace in the Human Narrative; The First Words: Theology/ies of the Bible; The elective modules are: Rights and Responsibilities: A Theological Engagement; Readings in Classical Theological Texts; Theology and the Arts; Christianity of the Celtic World (600–1,000 AD); The Role of Church in a Pluralist Society; Ministry and Church in a Challenging Era; Authority, Tradition and Experience: Ecumenics as Intercultural Theology*; Nature, Grace and the Triune God*; Developing Dogma: Identity and Change in Christian Tradition*. The elective modules offered each year will vary.

*Modules shared with the MPhil in Intercultural Theology and Interreligious Studies.

Admission Requirements

Admission to this course is at graduate level. Applicants will normally hold a good honours degree (minimum 2.1) in theology from a recognized university. Applicants whose degree is in a different relevant discipline, such as philosophy, history or religious education, will be considered on a case by case basis. Exceptional cases where applicants do not fully meet the above criteria but make a reasonable case for admissions otherwise will be considered by the Dean of Graduate Studies.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Conflict Resolution and Reconciliation (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr David Mitchell |
| Course Email | reconsec@tcd.ie |
| Course Tel | +44 28 9077 0087 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |
| Location | A cross-border course – Belfast and Dublin |

After registration in Dublin at the start of the course, teaching takes place in Belfast over two teaching terms, September to December and January to early April.

The M.Phil. in Conflict Resolution and Reconciliation is designed to suit the needs of specialists already working in conflict resolution and reconciliation, as well as those new to these fields of study.

As Trinity's only cross-border School, this course is based in Belfast, Northern Ireland. It offers an inter-disciplinary approach to the challenges of political and social reconciliation in the aftermath of armed conflict. It equips graduates for work with local and international organisations, and provides transferable skills for a wide variety of careers, including mediation, diplomacy, policy, advocacy, journalism, teaching, and ministry, as well as Ph.D. research.

Modules offered include weekly classes taught at the Irish School of Ecumenics, Belfast, as well as the option to take a one week-long residential course at the Corrymeela Community Centre for Reconciliation in Ballycastle on the north Antrim coast. This course offers students academic and theoretical insight into conflict resolution and reconciliation, as well as practical skills and experience through placements and workshops. Students are offered the chance to engage with community based actors and organisations involved at a grassroots level in the process of conflict transformation and social justice. As such, the course is a hybrid mix between the theoretical and practical that offers a dynamic learning experience beyond the classroom setting.⁷

Northern Ireland faces many social and political challenges as it emerges from decades of violence. Yet Belfast is a vibrant city, undergoing an exciting post-conflict transformation. The city provides a unique backdrop to the MPhil., allowing students to immerse themselves in a society grappling with the challenges and opportunities of conflict transformation.

Course Content

(please note that not all modules will be offered every year).

Core module: Research Skills

Optional modules: Reconciliation in Northern Ireland; Conflict Transformation; Foundations of Conflict Resolution Research; Transitional Justice; Contemporary Conflict and Peacemaking; Global Perspectives; Mediation and Conflict Analysis Skills; Community Learning and Reflective Practice; Dissertation.

Modules from the M.Phil. in International Peace Studies and the M.Phil. in Intercultural Theology and Interreligious Studies (both taught in Dublin) are also open to students on the M.Phil. in Conflict Resolution and Reconciliation. Students seeking to be assessed for their work on a module in either of the two other programmes must first secure the permission of the relevant course coordinators.

Dissertation: A research dissertation (15,000–20,000 words) to be supervised by an appropriate member of staff and to be submitted in August.

Admission Requirements

Applicants should normally have an honors degree at second class level or GPA 3.2 or above. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Conflict and Dispute Resolution Studies (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Prof Gillian Wylie |
| Course Email | cdrssec@tcd.ie |
| Course Tel | +353-1-896 4771 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This one-year postgraduate course interests those, in both the public and private sectors, who are involved in conflict analysis, management and resolution and who wish to study mediation and other non-adversarial dispute and conflict resolution processes (ADRs). The course aims at achieving standards of best practice for those who recognise the value of alternative dispute resolution processes in resolving commercial, community, workplace, international and other disputes and in minimising the damage caused by conflict. Those who complete the course will have a deep understanding of the causes and nature of conflict, the various conflict resolution processes available and how to apply them. CDRS is an accredited training programme with Mediators' Institute of Ireland. Successful completion of an optional MII Mediation Roleplay Competency Assessment at the end of the CDRS programme will allow students to apply for Certified Mediation status with the Mediators' Institute of Ireland.

Students undertake 4 modules all worth 15 credits: Understanding Conflict; Aspects and Dynamics of Conflict; Theories and Processes of Conflict Resolution; Processes and Skills for Moving Beyond Conflict. Students are assessed by a combination of two essays, a reflective log and filmed mediation role play. This Postgraduate Diploma course is taught in two evening sessions per week (Tuesdays and Thursdays) over 24 teaching weeks between late September and early April. There are also two Saturday mediation training workshops, usually in January–February. MII assessments take place on weekends in April–May. All assessments are to be completed by 1 August.

Admission Requirements

Applicants should normally have an Honors Bachelor degree and three years relevant experience or another third-level qualification and five years relevant experience. Students without the above qualifications will be considered subject to evidence of adequate skills and experience. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies. For further information please contact the Executive Officer, Conflict and Dispute Resolution Studies programme; Email: cdrssec@tcd.ie; web: www.tcd.ie/ise.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Divinity (B.D.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 5 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Professor Maureen Junker-Kenny |
| Course Email | jwelch@tcd.ie |
| Course Tel | +353-1-896 1297 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The degree of Bachelor in Divinity is a higher degree awarded on the basis of examination and thesis. Appropriately qualified candidates, accepted for the degree must complete an examination in eight papers and a thesis of 40,000 words within five years. Candidates study independently for the examination, but may obtain advice and a bibliography on each subject from Religions and Theological Studies.

Admission Requirements

To be admitted on to the B.D. register, a candidate must: 1. hold a degree in Theology from the University of Dublin, or other university approved by the University Council; or 2. hold a degree in any subject from the University of Dublin or other university approved by the University Council and a Divinity Testimonium or a Professional Diploma in Theology from the University of Dublin; or 3. hold a degree in any subject from the University of Dublin or other university approved by the University Council and pass a qualifying examination. Details of the qualifying examination may be obtained from the Dean of Graduate Studies. Depending on the prior degrees of a candidate, a Qualifying Examination may be required

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Intercultural Theology and Interreligious Studies (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Prof Jude Lal Fernando |
| Course Email | ecumsec@tcd.ie |
| Course Tel | +353-1-896 4771 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Intercultural Theology and Interreligious Studies integrates a variety of theological and other disciplines in order to explore significant and complex relationships within and between religious communities and their traditions. These fields of study attend closely to the connections and tensions experienced as the religions encounter alternative social, political and cultural resources of meaning and identity. This course focuses on the practical and theoretical possibilities posed by intercultural dialogue, and on the challenges of sustaining communities in which the praxis of peace and reconciliation with others is given concrete embodiment.

A variety of modules is offered each year, drawn from the list below. A module on Research and Methods is compulsory; students select a further 5 modules for assessment and write a dissertation.

Modules: Authority, Tradition, Experience: Ecumenics as Intercultural Theology; World Christianity and Interreligious Dialogue; Comparative Theology: Meaning and Practice; Religions and Ethics in a Pluralist World; Nature, Grace and the Triune God; NGOs in Theory and Practice; Developing Doctrine: Identity and Change in Christian Tradition; Interpreting Ecumenical Ecclesiology; An Ecumenics of Loss: Religion, Modernity and Reconciliation; Creation, Cosmology and Ecotheology; Engaging Religious Fundamentalism; Translating God(s); Christian Seeds in Indic Soil : Christianity in South Asia; The Church in the Shadow of the Mosque; Christianity in the World of Islam; On Being Human: Theological Anthropology in Cross-cultural Perspective; The Many Faces of Jesus: Christology and Cultures; Comparative/ Interreligious Ethics; Cross-cultural Ministry and Interreligious Encounter; Muslim God, Christian God: Islam and Muslim-Christian Comparative Theology; Hindu God, Christian God: Hinduism and Hindu-Christian Comparative Theology; Judaism and Jewish-Christian Relations; Issues in Buddhist-Christian Dialogue; Reconciliation in Northern Ireland Religion, Conflict and Peace in International Relations

Teaching takes places in Dublin over two terms. A one term, non-degree course of study is available which is ideal for those on sabbatical, or who prefer a shorter period of study. There is also the option of attending single modules. Modules from the M.Phil. in International Peace Studies and the M.Phil. in Conflict Resolution and Reconciliation are also open to students on the M.Phil. in Intercultural Theology and Interreligious Studies.

Students seeking to be assessed for their work on a module in either of the two other programmes must first secure the permission of the relevant course coordinators.

Dissertation: A research dissertation (15,000–20,000 words) to be supervised by an appropriate member of staff and to be submitted by 20 August.

Admission Requirements

Applicants should normally have an honours degree at second class level or GPA 3.2 or above. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies.

International Peace Studies (M.Phil.(Peace Studies) / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Professor Etain Tannam |
| Course Email | peacesec@tcd.ie |
| Course Tel | +353-1-8964772 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

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

Students are required to take the two core modules as well as four modules from the list of modules. A sufficient number of optional modules must be taken to fulfil credit requirements. The core modules are The Politics of Peace and Conflict and Research Methods. Students must take four modules from the following list of options: International Politics; Ethics in International Affairs; Conflict Resolution and Nonviolence; Armed Conflict, Peace-building and Development; The United Nations and Conflict Resolution; Human Rights in Theory and Practice; Gender, War and Peace; Gender and Globalization; Reconciliation in Northern Ireland; The Politics of the Idea of Europe; Theories of Race and Ethnicity; Religion, Conflict and Peace in International Relations; NGOs in Theory and Practice:

Internship Module; Sharing Perspectives (On-Line Module). Modules may change from year to year.

Teaching takes place in Dublin over two terms. A one term, non-degree course is available and is ideal for those on sabbatical, or for those who prefer a shorter period of study. There is also the option of attending single modules.

Modules from the M.Phil. in Intercultural Theology and Interreligious Studies and the M.Phil. in Conflict Resolution and Reconciliation are open to students on the M.Phil. in International Peace Studies. Students seeking to be assessed for their work on a module in either of the two other courses must first secure the permission of the relevant course coordinators.

Dissertation: A research dissertation (15,000–20,000 words) to be supervised by an appropriate member of staff and to be submitted by 20 August.

Admission Requirements

Applicants should normally have an honors degree at second class level or GPA 3.2 or above. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Theological Studies (M.Th)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 3 years part-time, 6 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | admin@theologicalinstitute.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Th. offers a distinctive learning experience based on the integration of the fields of theology, biblical studies and Christian practice. Students will engage critically with the intellectual challenges of ministry through the study of key themes in biblical, theological and ministerial studies. The course is thus framed around a clear interaction between both theory and practice and across a variety of areas of ministerial formation. The M.Th. aims to maintain a rigorous academic core whilst also broadening the scope of content and assessment to include professional application. This course is offered only in the part-time mode, with two options: Mode A which runs for three years and Mode B which runs for 6 years (however students may change mode after 2 or 4 years subject to permission from course director). Candidates are assessed by a combination of course work, ministry portfolio and dissertation.

Course Content

Please note that the course is currently under review in advance of being restructured.

The Bible and its Interpretation; Texts and Communities in Context – Old Testament/Hebrew Bible; Texts and Communities in Context – New Testament; Communities of Interpretation – To the Enlightenment Period; Communities of Interpretation – In the Modern Period and in the Church Today; Theological Reflection and Christian Identity; Christian Thinking About God; Jesus the Christ; Cosmology, Anthropology and the Church; Theology and Ethics; Christian Practice in Church and Society Mission; Culture and Social Context; Pastoral Studies; Liturgy, Worship and Spirituality; Anglican Studies in an Irish Context; Church Leadership Practice and Practicalities

Elective Modules: Students take a total of one of three elective modules: Ministry for Reconciliation; Church History and Developing New Communities of Faith.

Co-requisite Modules: these modules are part of the ministry portfolio and are assessed by means of both written submission and an oral examination and include: Homiletics; Spirituality and Ministerial Formation.

Admission Requirements

All candidates will be required to successfully complete the Foundation Course. In addition candidates will have either:

- an honours degree in Theology or another discipline: an appropriate qualification and at least 3 years ministerial experience or equivalent professional experience
- Otherwise satisfy the Course Admissions Committee that they have the ability to complete and benefit from the course.
- Candidates will apply in the first instance to the CITI and applications will be considered by a joint Course Admissions Committee.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Social Sciences and Philosophy

| | |
|-----------------------------------------------------------|----------------------------------------------------|
| Head of School | Professor Gail McElroy |
| Director of Teaching & Learning (Postgraduate) | Professor William Phelan |
| Telephone | +353-1-896 2499 |
| Web | www.tcd.ie/ssp |

Research Programmes

The School of Social Sciences and Philosophy consists of the Departments of Economics, Political Science, Sociology and Philosophy. With more than 50 full-time academic members of staff and postdoctoral fellows, the School enjoys an international research profile in its constituent departments. Its postgraduate programmes consist of a combination of taught Masters degrees and Ph.D. degrees. All four Departments offer Ph.D. students a rigorous training in their respective disciplines as well as the opportunity to write original and high-quality Ph.D. theses.

The Ph.D. in Economics is a competitive degree aiming to rank among the best flagship Economics programmes in Europe and produces the largest number of research degrees of any Economics department in Ireland. Importantly, it blends an innovative curricular part, which offers optional courses jointly with other departments in Ireland, with a unique research environment that promotes close interaction with the faculty. Currently, the department has 15 full-time academic staff and almost 30 research students. The Philosophy Department offers an internationally renowned integrated PhD programme in conjunction with the School of Philosophy in University College Dublin (UCD). The programme combines a choice from a set of intensive courses in most areas of philosophy with a traditional emphasis on conducting original research. Our research students play an active role in shaping the research life of the Department, in particular, by organising a large number of workshops, reading and study groups.

The Ph.D. in Sociology is designed to produce rigorously trained, widely-read and well-rounded sociologists, able to take their place in the forefront of the profession. The Department of Sociology at Trinity ranks 48th in the world link to [www.topuniversities.com/university-rankings/world-university-rankings](http://www.topuniversities.com/university-rankings/world-university-rankings/world-university-rankings) according to independent evaluations of its research and teaching. Many graduates of the programme have gone on to secure full-time academic positions link to www.tcd.ie/sociology/postgrad/former-pgs.php. Graduates, or current students, have come from Ireland, Italy, the USA, Poland, Germany, the UK, South Africa, Israel and Palestine, to name just a few. This international mix adds a positive and exciting dimension to the life of the Department. In the first year students follow a methodology course, and develop a literature review and research proposal for the final thesis. In the second year of the PhD programme, students start work on their thesis, including doing fieldwork, and in the third and fourth year they write up their thesis.

The Ph.D. in Political Science is an innovative programme (see entry below), which involves course work in the first two years, and which combines an intensive training in the substance and methodology of research along with a traditional emphasis on conducting original research. Almost all graduates of this programme go on to take on positions in academia. The deadline for applications to the September intake is the 31st March.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Comparative Social Change (M.Sc.)

March 2017 Entry

- Doctor in Philosophy, Economics (Part-Time)
- Doctor in Philosophy, Economics (Full-Time)
- Doctor in Philosophy, Philosophy (Part-Time)
- Doctor in Philosophy, Philosophy (Full-Time)
- Doctor in Philosophy, Sociology (Part-Time)
- Doctor in Philosophy, Sociology (Full-Time)
- Master in Letters, Economics (Part-Time)
- Master in Letters, Economics (Full-Time)
- Master in Letters, Philosophy (Part-Time)
- Master in Letters, Philosophy (Full-Time)
- Master in Letters, Sociology (Part-Time)
- Master in Letters, Sociology (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Economics (Part-Time)
- Doctor in Philosophy, Economics (Full-Time)
- Doctor in Philosophy, Philosophy (Part-Time)
- Doctor in Philosophy, Philosophy (Full-Time)
- Doctor in Philosophy, Sociology (Part-Time)
- Doctor in Philosophy, Sociology (Full-Time)
- Doctor in Philosophy, Political Science
- Master in Letters, Economics (Part-Time)
- Master in Letters, Economics (Full-Time)
- Master in Letters, Philosophy (Part-Time)
- Master in Letters, Philosophy (Full-Time)
- Master in Letters, Sociology (Part-Time)
- Master in Letters, Sociology (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Course Director | Professor Daniel Faas, Trinity College Dublin |
| Course Coordinator | Dr Iarfhlaith Watson, University College Dublin |
| Course Email | sociology@tcd.ie |
| Course Tel | +353-1-896 2701 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course is offered jointly by the Department of Sociology at Trinity College Dublin and the School of Sociology at University College Dublin to develop students' knowledge of the main currents of social change today, the social, cultural and economic forces which are driving them and the different forms they take across states. The course has a significant international dimension drawing on the rich and informative experiences of other EU member states, North America, the four Asian Tigers, plus the BRIC countries, particularly Brazil, China and India.

In addition, the course provides advanced training in conceptualising, designing and conducting comparative research across countries and the role that this can play in policy development. It provides students with both the theoretical frameworks and practical research skills necessary to understand the processes and pressing issues presented by global social change. It aims to show students how everyday experience and practices are shaped by broader social and economic processes. As the programme is jointly delivered by Trinity's Department of Sociology and the School of Sociology at UCD students benefit from a greater range of staff expertise, both in terms of teaching and research supervision, in the areas of comparative research methodologies and social change. Policy-relevant and practice-based components, such as fieldwork projects, add an extra dimension to the MSc which have been designed to contribute to the training and employability of the next generation of researchers.

The three core modules are: Globalisation and Social Change: India, China, Brazil; Introduction to Comparative Social Change: Concepts and Cases; and Research Methods. The electives may vary from year to year. In 2017/18 these include: The Migration Challenge: Comparative Educational Perspectives; Economic Globalisation and Social Change; Gender and Social Change in a Comparative Context; Comparing Healthcare Systems; Migration, Labour and Conflict; Everyday Nationhood in Comparative Perspective. In addition, students will complete a dissertation not exceeding 20,000 words.

Admission Requirements

Candidates should normally have achieved an upper second class honors degree (2.1) or equivalent, preferably with a social sciences component and excellent academic references. GPAs of at least 3.2 out of 4, or equivalent, will be expected from international applicants. All applicants whose

International Politics (M.Sc. / P.Grad.Dip.)

first language is not English or who have not been educated through the medium of English will need to present evidence of English language competency.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Economics (M.Sc. / P.Grad.Dip.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Professor Vahagn Galstyn |
| Course Email | economics@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. programme is taught in two parts and consists of four components: Microeconomics, Macroeconomics, Econometrics and Research Topics. In the first part all modules are compulsory. In the second part students fulfil programme requirements by choosing from a range of elective modules. The core modules are taught around weekly problem sheets followed by examinations, while assessment for Research Topics is based on essays and presentations. In addition, students are expected to complete a dissertation of 12,000 words. Permission to proceed to the dissertation is dependent on achieving a satisfactory pass mark in the coursework components. Students who are unable to proceed to the dissertation or who fail to achieve a satisfactory mark for the dissertation element may be eligible for the award of a Postgraduate Diploma in Economics. A number of scholarships may be awarded annually to highly qualified candidates. Further details are available on the programme website.

Admission Requirements

Candidates should normally hold at least an upper second-class honors degree that has a significant quantitative component. Applications are expected from candidates with single or joint honors Economics degrees, Business or BComm degrees with final-year Economics options, and Maths, Physics, Computer Science or Engineering graduates.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Peter Stone |
| Course Email | polgrad@tcd.ie |
| Course Tel | +353 1 896 4687 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The objective of the course is to develop students' knowledge of international politics with a comprehensive empirical approach to understanding many prominent problems in contemporary world politics, especially topics where domestic and international politics cannot be understood in isolation from each other. These topics include democratisation, international cooperation, development and foreign aid, international conflict as well as the politics of many environmental issues and their implications for the politics of developing countries. Students will also receive training in research methods.

The M.Sc. course consists of four compulsory modules and four elective (half) modules. The compulsory modules are: International Politics; International Conflict; Research Design and Introduction to Quantitative Research Methods.

The elective modules on offer vary from year to year. In 2016/17 these include: Government and Politics of the European Union; European Union Policies; Environmental Politics; International Development; The Political Economy of Globalisation; Global Justice; International Dispute Settlement; International Negotiations; Chinese Politics and Politics in Authoritarian Regimes.

In addition, students will complete a dissertation of approximately 10,000 words in length. Students who fail to achieve a satisfactory mark for the dissertation element may be eligible for the award of a Postgraduate Diploma in Political Science.

Admission Requirements

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

Applicants must, in addition to the College requirement to provide academic transcripts and two letters of recommendation, provide a motivation letter and one piece of written work (for example an undergraduate dissertation or essay).

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Philosophy (M.Phil.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Course Director | Prof James Miller |
| Course Coordinator | Dr Lilian Alweiss |
| Course Email | philosophy.masters@tcd.ie |
| Course Tel | +353 1 896 1529 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Trinity M.Phil. in Philosophy offers the foundation for advanced research in philosophy. Students are given in-depth courses in philosophical methodology, core areas of contemporary philosophy, the Anglo-American and Modern European traditions and the application of contemporary scholarship to key historical figures. Students will also write a dissertation on a topic of their choice in consultation with the course director and their supervisor. The aim of this Masters course is to provide a foundation for advanced philosophical research.

The course incorporates both taught and research components. Students take six mandatory taught modules (10 ECTS each) and write a 15,000 word dissertation (30 ECTS). Dissertation will be submitted over the summer with the deadline of 31 August. Taught modules may change from one year to the next depending on staff availability. The following modules will be offered in 2016/17: Introduction to Philosophical Research; Contemporary Analytical Philosophy; Modern European Philosophy; Metaphysics; Berkeley and Idealism; Ethics; Dissertation.

Admission Requirements

Candidates will be in possession of a 2.1 degree or equivalent in philosophy. Applicants with a background in relevant and related studies will also be considered (for example politics, psychology, sociology, religious studies – courses which contain a significant philosophical component).

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Race, Ethnicity, Conflict (M.Phil.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Closing Coordinator | Professor Anne Holohan |
| Course Email | mphilrec@tcd.ie |
| Course Tel | + 353 1 896 2701 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

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

The course has three components:

1. Three core modules: race-critical theory, research methods, and colonialism, conflict and liberal intervention.
2. Optional modules covering topics such as ethnic cleansing and forced migration; ethnicity and social policy; human rights and international issues; gender, race and conflict; migration and the European labour market; migration and education; representation and resistance; social movements and international solidarity. (Topics can vary from year to year).
3. A 20,000 word dissertation researched and written under the supervision of a member of staff with relevant expertise.

There are also optional field-trips.

Admission Requirements

Candidates should have a good primary degree (an upper second 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 that 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.

In all cases the quality of the candidate's statement of interest and of their academic references are important.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Social Work and Social Policy

| | |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Head of School | Dr Eoin O'Sullivan |
| Director of Teaching & Learning (Postgraduate) | Prof. Virpi Timonen |
| Telephone | + 353-1-896 3593 |
| Email | obriel10@tcd.ie |
| Web | www.tcd.ie/swsp/postgraduate/phd-programme |

The School offers professional education and training in social work, multidisciplinary courses in the broad social welfare area, courses at undergraduate and postgraduate level in general and specialist aspects of social policy, and postgraduate training in applied social research, as well as a range of opportunities for postgraduate research students. The School is pleased to acknowledge the special public sector, corporate and philanthropic support it attracts for a number of its teaching and research activities.

Through high quality scholarship, the School seeks to identify, explore and impact on key social issues.

Research Programmes

The School has a lively community of postgraduate research students, whether studying independently or within research centres or programmes. Some are full-time students; others combine their studies with their work.

The School has particular strengths and capacity in research supervision in the following areas:

Ageing and social policy; Drug and alcohol policy and services; Child protection and welfare; Criminology and penology, Domestic violence; Family and gender; History of social policy; Immigration and Social Policy, Intellectual disability; Mental health; Social work; Sociology of reproduction.

In addition to the research activities of individual academic staff, the research effort of the School is also focused through the following significant research ventures.

The Children's Research Centre conducts policy relevant research on children's lives and issues and is co-sponsored with the School of Psychology. With other TCD colleagues, Centre personnel will play a significant role in the major National Longitudinal Study on Children's Development, the contract for which was awarded to the Economic and Social Research Institute and Trinity College Dublin.

The Policy Institute is a multi-disciplinary public policy research institute. Based in Trinity College, the Institute has close links with the School of Social Sciences and Philosophy, the School of Social Work and Social Policy, and the School of Business.

The School is also one of the three Schools in the University that founded the Trinity Immigration Initiative which brings together key strands of TCD's strategies in research, teaching and contribution to society, positioning the University to play an influential role in developing a more inclusive, multicultural society for Ireland's future.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Applied Social Research (M.Sc.)

March 2017 Entry

- Doctor in Philosophy, Social Work and Social Policy (Part-Time)
- Doctor in Philosophy, Social Work and Social Policy (Full-Time)
- Master in Letters in School of Social Work and Social Policy (Part-Time)
- Master in Letters in School of Social Work and Social Policy (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Social Work and Social Policy (Part-Time)
- Doctor in Philosophy, Social Work and Social Policy (Full-Time)
- Master in Letters in School of Social Work and Social Policy (Part-Time)
- Master in Letters in School of Social Work and Social Policy (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Directors | Dr Paula Mayock |
| Course Email | pmayock@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. in Applied Social Research is a taught Masters programme which can be completed on a one year, full-time or two year, part-time basis. It is designed for graduates in the social sciences who want to develop their research skills and gain employment in the area of research. This Masters is equally suited to those who wish to build research skills for application in their current work environments. The course also provides a strong foundation for further post-graduate study, particularly for PhD research.

Using a combination of lectures, workshops and practical assignments, this M.Sc. programme trains graduates to:

- Design and conduct primary social research using both quantitative and qualitative research methods;
- Analyse the research data collected using a variety of computer programmes and;
- Write and present research findings to a variety of audiences.

Initiated in 1997, the M.Sc. in Applied Social Research has established an excellent reputation in training students in applied research skills. Graduates of the M.Sc. in Applied Social Research typically gain employment in research institutes or consultancies, government departments, semi-state agencies, the NGO sector, and in a range of policy environments. Others go on to complete further post-graduate study.

The M.Sc. programme consists of three integrated modules: Qualitative Research Methods, Quantitative Research Methods and Research Ethics, and Research Design, Evaluation Research, and Accessing Resources. Students also complete an eight-week Work Placement where they get the opportunity to work alongside experienced researchers/research teams within their host institutions. Students already in relevant employment can complete their work placement in that setting. Exemptions from the work placement may be granted at the discretion of the Course Director in exceptional cases.

A 20,000 word research dissertation is submitted by all students at the end of August (of Year 1 for full-time students and Year 2 for part-time students). This applied research project is initiated following the completion of all course assignments.

Admission Requirements

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

Applied Social Studies (P. Grad. Dip.) (Online)

| | |
|-----------------------------|------------------------------------|
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director(s) | Dr Stephanie Holt |
| Course Email | obriel10@tcd.ie |
| Course Tel | +353-1-896 3593 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The overall objective of this programme is to provide graduates from all disciplines with the opportunity to develop their understanding of the role of social policy in developing healthy functioning societies. Student will get to grips with some of the 'wicked problems' that contemporary societies face. These are complex interdependent problems such as crime and poverty which are often resistant to the solutions put in place by governments. Students will understand the arguments for developing social policy in areas such as social security, health, housing and personal social services and the challenges of implementing and changing policy in these areas.

This course will provide students with a stimulating online learning experience by creating a structured yet flexible learning approach. The place of study will be totally flexible as online delivery allows students to engage in many learning activities at home or in the workplace.

The programme will appeal to those responsible for developing, delivering and administering social policies and social services as well as those involved in advocating for policy and service change. It will be of particular interest to graduates with an undergraduate qualification outside of the social science and social studies field wishing to pursue a Masters programme in that field. The Postgraduate Diploma will act as a conversion course for such graduates and would enhance their application to pursue further study on a specialised programme such as the Masters of Social Work. The programme will also appeal to applicants from other countries, especially outside the EU, and in North America who will have the opportunity to study in Ireland's leading university with expertise in Irish, EU and international social policy.

The Postgraduate Diploma in Applied Social Studies is offered as a one year online programme with students taking modules totalling 60 ECTS comprising seven core modules.

Admission Requirements

The programme is open to graduates from all disciplines who are interested in converting to the field of applied social studies. Successful applicants will hold a level 8 degree in any subject at a minimum of Upper Second Class Honours degree (2.2).

Please note: As part of your supplementary application documentation you should upload a scan of your passport, clearly showing the photograph.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Child Protection and Welfare (M.Sc. / P.Grad.Dip.)

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|-----------------------------|------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | obriel10@tcd.ie |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. comprises a series of lectures/seminars on organisational change and development, evaluation research methodology and related issues, entailing attendance at Trinity approximately two days per month over the academic year. There is also regular contact with the student's assigned academic supervisor.

Students interested in registering for the M.Sc. programme must initially register for the Postgraduate Diploma. Admission to the M.Sc. programme is confined to candidates who achieve an upper second-class grade in the Postgraduate Diploma and whose research proposal for their M.Sc. dissertation is accepted.

How to Apply

Please note there is no online application. Applicants must submit a M.Sc. Dissertation Research Proposal to Louise O'Brien: obriel10@tcd.ie

Child Protection and Welfare (P.Grad.Dip.)

| | |
|-----------------------------|------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | obriel10@tcd.ie |
| Course Tel | +353-1-896 3593 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This national, multi-disciplinary, in-service course is sponsored by the Child and Family Agency and is aimed at experienced, professionally qualified personnel who carry regular responsibility for management/training/frontline delivery of child protection and welfare services under the Child Care Act 1991, the Children Act 2001 and related legislation. Course participants normally include service managers and supervisory/main grade professionals (social workers, public health nurses, psychologists, doctors, Gardaí, child care workers, speech and language therapists, teachers, lawyers, youth and project workers, etc.). Applicants may seek full or partial funding from their employers but self-funding applicants will also be considered.

The course runs for nine separate weeks spread over the academic year, with full attendance in college for approximately one week in four. This involves students attending classes Monday–Friday, 9am–6pm. Full attendance at College is compulsory.

Candidates who successfully complete the Diploma course and meet the eligibility criteria for the M.Sc. in Child Protection and Welfare may proceed to a second year to complete the Masters course.

Admission Requirements

Applicants must have a degree or equivalent professional qualification. In addition, a minimum of three years' professional experience working with some aspect of child protection and welfare is required. Applicants may be shortlisted for interview.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Disability Studies (M.Sc. / P.Grad.Dip.)

| | |
|-----------------------------|-------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | disabmsc@tcd.ie |
| Course Tel | +353-1-896 3593 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. in Disability Studies provides students with a deep understanding of disability from social, historical, cultural, economic and political perspectives. Graduates of the M.Sc. are equipped with the knowledge, analytical skills and perspectives to help translate rights into reality in the field of disability. The programme offers:

- Immersion in the policy and practice implications of the critically important United Nations Convention on the Rights of Persons with Disabilities and related human rights instruments.
- Familiarisation with the key global issues in the field of disability.
- A thorough grounding in the principles and practice of programme planning and evaluation.
- An internship in a cutting edge disability organisation in the public, private, or voluntary sectors.
- Access to the unique expertise of the Trinity Centre for People with Intellectual Disabilities and the Centre for Deaf Studies, both located in Trinity College Dublin and closely associated with the programme.
- Academic interaction with the students of the Certificate in Arts, Science and Inclusive Applied Practice, the first third level education programme for people with intellectual disabilities in Ireland.
- Exposure to teaching from a range of disciplinary perspectives.

The programme aims to prepare graduates for employment or career development in areas such as disability advocacy, quality assurance in disability services, programme planning and evaluation in the field of disability, disability research, and disability policy analysis.

Admission Requirements

The M.Sc. in Disability Studies offers admission to full-time and part-time students. EU and Non-EU applicants are required to hold at least an upper second class honours degree in a relevant area (e.g., Social Sciences, Health Sciences, Humanities, Education, Deaf studies, Law, and Psychology). Applications are taken on a yearly basis from January to June.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az. The following are required as part of the application: Application form; Official transcripts; 2 reference letters (at least one academic); Curriculum Vitae, Statement of purpose addressing the following (1,000 words):

- Your interest in the M.Sc. in Disability Studies at Trinity
- A research topic in the area of disability you would like to examine in your dissertation
- How the programme best suits your career development
- Your preference for elective modules and placement

Successful applicants will be invited for an interview.

Social Work (M.S.W. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Asst. Prof Erna O'Connor |
| Course Email | master.socialwork@tcd.ie |
| Course Tel | +353-1-896 4579 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Social work is challenging and rewarding and requires a personal commitment to the ideals and values of the social work profession. Those considering social work as a career option should be aware of its ethical and value dimensions and, in particular, the commitment of practitioners to the promotion of social justice.

In accordance with Irish statutory regulations this Master in Social Work/Postgraduate Diploma in Social Work programme is approved by the national regulatory body for health and social care professionals (CORU). The programme offers professional social work education for applicants with a primary degree in Social Sciences or equivalent. Upon completion of the Master in Social Work/Postgraduate Diploma in Social Work successful candidates will be eligible to apply for registration as a professional social worker.

This is a two year full time programme consisting of 16 weeks full-time academic attendance and 14 weeks full-time fieldwork placement in the first year, and 14 weeks full-time academic attendance and 14 weeks full-time field work placement in second year.

The programme has an international perspective and students may avail of international placement opportunities.

Admission requirements

Applicants should hold a level 8 primary social science degree (2.1 degree or higher), or equivalent, and a minimum of 850 hours relevant practice experience. There are up to 25 places on the course each year.

All applicants are advised to read the following documentation which provides an overview of entry and course requirements to the Masters in social Work. M.S.W. Guidelines

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az. All applications for the Masters in Social Work must include the following documents:

1. A breakdown and description of relevant work experience to date which indicates the total number of hours or weeks worked. The minimum number of hours applicants must have is 850.
2. Students are not required to provide 2 academic references instead they must provide one academic reference and one reference from their practice experience.
3. Students must provide a personal statement of no less than 500 words and no more than 1000 words.

Social Work Research (M.Phil.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Course Email | lcusack@tcd.ie |
| Course Tel | +353-1-896 3593 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

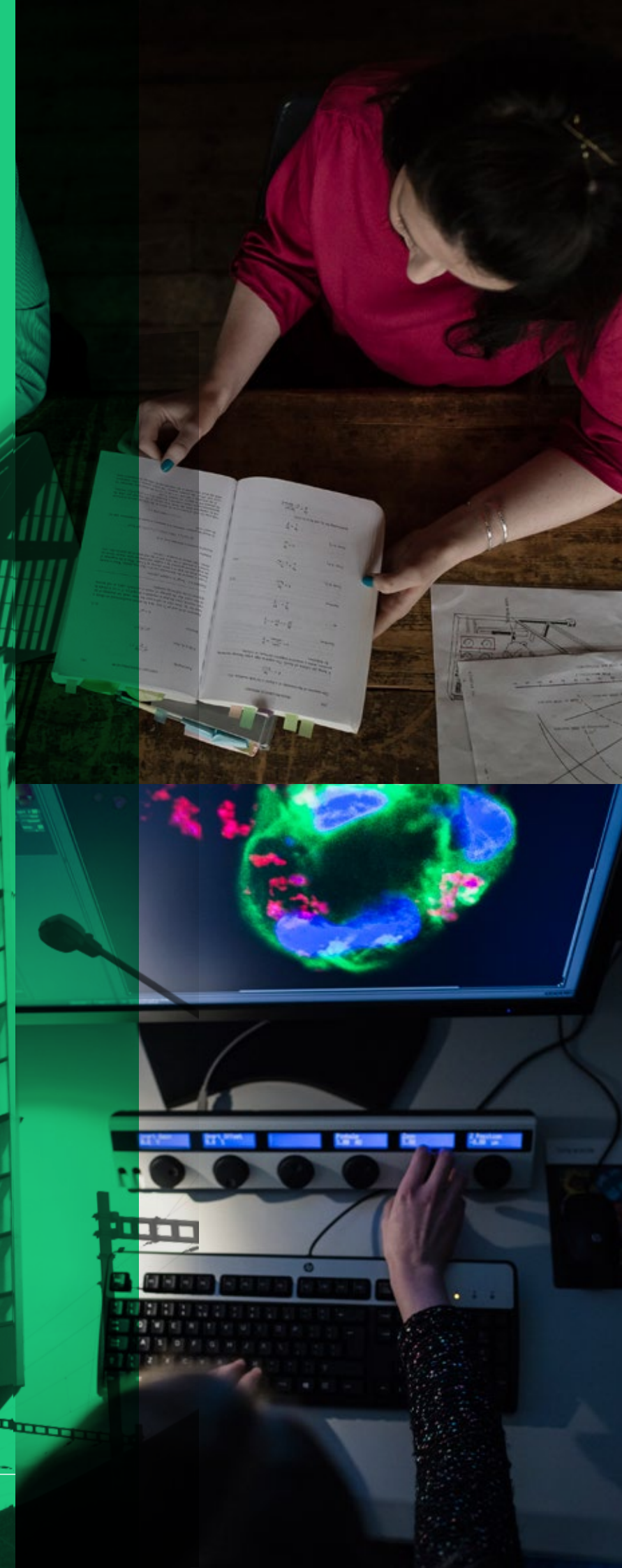
The M.Phil. in Social Work Research is designed for social science graduates who are also professionally qualified social workers and who seek Masters level research training in social work. The programme will build on students academic and professional experience and develop their capacity to understand, undertake and commission applied social research in areas of current social work concern. Candidates must have a good honors degree in the social sciences, a social work qualification National Qualification in Social Work or equivalent, a minimum of one years employment in a qualified social work post. Please make all enquiries to the School.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az



Engineering, Mathematics & Science



| | |
|-------------------------------------------|-----|
| School of Biochemistry and Immunology | 88 |
| School of Chemistry | 90 |
| School of Computer Science and Statistics | 91 |
| School of Engineering | 96 |
| School of Genetics and Microbiology | 106 |
| School of Mathematics | 108 |
| School of Natural Sciences | 110 |
| School of Physics | 115 |

School of Biochemistry and Immunology

| | |
|-----------------------------------------------------------|-------------------------|
| Head of School | Professor Gavin Davy |
| Director of Teaching & Learning (Postgraduate) | Dr Amir Khan |
| Telephone | +353-1-896 1608 |
| Email | mpsullvn@tcd.ie |
| Web | www.tcd.ie/biochemistry |

The School of Biochemistry and Immunology has as its focus research into protein structure and function, effects of genetic polymorphism on metabolism, neuroscience, cancer biology, bioenergetics, molecular enzymology, cell and molecular biology, cellular and molecular immunology, innate immunity and inflammation, immunomodulation and molecular parasitology. The School currently holds significant research grants for national and international funding agencies. In addition, the School is equipped to a very high standard and has in-house core facilities for flow cytometry, cell imaging, molecular graphics and protein X-ray crystallography. We are well equipped with sophisticated spectroscopy instruments including double beam and stopped-flow spectrophotometers, as well as stopped-flow fluorimetry and stopped-flow CD. In partnership with the School of Chemistry we operate a 600MHz nmr spectrometer with a cryoprobe attachment to allow structural protein nmr studies. We have recently installed a new bio/chemical hazards suite.

The School of Biochemistry and Immunology (SBI) is located in the new Biomedical Sciences Institute on Pearse Street adjacent to the main Trinity campus. The School collaborates internationally on a large scale and has links to the Irish and International Biotechnology and Pharmaceutical sectors. Information on specific research projects, studentships and current vacancies can be found on the School's website.

Current graduate degrees offered are PhD in Biochemistry (research), PhD in Immunology (research), and an MSc in Immunology. Regarding the research PhDs, suitably qualified and interested graduates are encouraged to contact prospective supervisors directly at the school to consider possible project options. Students on the Ph.D. register must complete a progress report consisting of a written report and research presentation, normally after 12 to 18 months. Postgraduate students will also be encouraged to give oral research presentations throughout the course of their studies. It is expected that a graduate should gain their Ph.D. within 4 years.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Immunology (M.Sc.)

March 2017 Entry

- Doctor in Philosophy, Biochemistry (Part-Time)
- Doctor in Philosophy, Biochemistry (Full-Time)
- Doctor in Philosophy, Immunology (Part-Time)
- Doctor in Philosophy, Immunology (Full-Time)
- Master in Science, Biochemistry (Part-Time)
- Master in Science, Biochemistry (Full-Time)
- Master in Science, Immunology (Part-Time)
- Master in Science, Immunology (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Biochemistry (Part-Time)
- Doctor in Philosophy, Biochemistry (Full-Time)
- Doctor in Philosophy, Immunology (Part-Time)
- Doctor in Philosophy, Immunology (Full-Time)
- Master in Science, Biochemistry (Part-Time)
- Master in Science, Biochemistry (Full-Time)
- Master in Science, Immunology (Part-Time)
- Master in Science, Immunology (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Professor Cliona O'Farrelly |
| Course Coordinator | Assistant Professor Nigel Stevenson |
| Course Email(s) | ofarrecl@tcd.ie , stevennj@tcd.ie |
| Course Tel(s) | +353 1 896 2450 / 1574 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. in Immunology includes study of immunological processes and mechanism, how they contribute to disease and how they might be manipulated therapeutically. By focusing on the molecules, cells, organs and genes of the immune system, their interaction and how they are activated and regulated, students will develop a deep understanding of the pathological processes underpinning immune mediated disease and how they might be controlled. From a practical perspective the course involves in-depth instruction in modern methodologies used in immunology/biomedical research, including the fundamentals of molecular and cellular biology. Students will also be trained in experimental design, data handling and basic research skills. The masters course aims to provide students with a well-balanced and integrated theoretical and practical knowledge of Immunology, and to highlight the progress and intellectual challenges in this discipline.

The following modules are mandatory, and make up the taught components of the course: Basic Immunology; Immunological Technologies; Communicating Science and Critical Analysis; Immunogenetics; Microbe Detection and Evasion; Clinical Immunology; Parasite Immunology; Tumour Immunology; Global Infectious Diseases; Immunotherapeutics and Product Development. In addition, students will undertake a research project, conducted in one of the Immunology groups located within or affiliated to The School of Biochemistry and Immunology and will be required to submit a 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.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

School of Chemistry

| | |
|-----------------------------------------------------------|------------------------------|
| Head of School | Professor Sylvia Draper |
| Director of Teaching & Learning (Postgraduate) | Professor Dónall Mac Dónaill |
| Telephone | +353-1-896 1456 |
| Email | dmcdonll@tcd.ie |
| Web | www.tcd.ie/chemistry |

Research Programmes

The School of Chemistry is a vibrant community of 22 academic staff members, approx. 50 postdoctoral researchers and over 100 postgraduate research students that generates an annual research income in excess of €5 million. These funds are attracted by research across the School's three core disciplines; Inorganic and Synthetic Materials Chemistry, Organic, Medicinal and Biological Chemistry and Physical, Computational and Materials Chemistry. Exciting research topics currently under investigation in the School are the synthesis and characterisation of novel inorganic materials including nanomaterials and supramolecular systems, drug design, development of new synthetic methods, biomimetic catalysis, photochemistry, photomedicine, electrochemistry, surface science and the development and application of predictive computational modelling. This diverse research is strengthened and supported by the School's strong links with a number of Institutes of excellence.

All of these activities are facilitated by excellent research equipment housed in the School, which includes two CCD single crystal diffractometers, a circular dichroism spectrometer with linear dichroism accessory, three high-resolution electrospray mass spectrometer and four high-field NMR spectrometers (300, two 400 (one with multinuclear probe), and one 600 MHz) as well as specialised equipment for the study of photophysical, electrochemical and nanoscale systems. Computational capabilities include access to a 760 node cluster in the Trinity Centre for High Performance Computing (TCHPC). The School offers both Ph.D. and M.Sc. degrees by research. Typically, a M.Sc. takes between one and two years with a Ph.D. degree taking between three and four years to complete. In addition to conducting research, students attend a number of specialist modules, weekly research seminars and also participate in safety and other technical courses.

Research students obtain funding from a number of sources. These include national programmes (e.g. SFI and the IRC), College scholarships and direct funding from individual supervisors. Please visit the web pages of research groups in the School to see what areas may be of interest to you. Following contact with your potential supervisor, if you are offered a place, you will be given a link to the admissions website through which you will need to make a formal application. In 2007 the School of Chemistry in association with the School of Chemistry and Chemical Biology, University College Dublin, launched a joint programme of graduate taught modules. This is one aspect of the close interaction of the two leading Irish Chemistry research schools within the Dublin Chemistry (DubChem) initiative. Students are expected to take several modules during their Ph.D. programme to fulfil the credit requirement for their degrees. More details can be found on the School website.

In a future of increasingly interdisciplinary research the School of Chemistry enjoys strong collaborations with colleagues in the physical, technological and biological sciences throughout the College, and at national and international levels. Through these initiatives the School of Chemistry continues to grow as a natural strategic centre and at the interface between Chemistry and the Life Sciences and between Chemistry and the Materials/Nanosciences.

School of Computer Science and Statistics

| | |
|-----------------------------------------------------------|--------------------------|
| Head of School | Dr Jeremy Jones |
| Director of Teaching & Learning (Postgraduate) | Professor Lucy Hederman |
| Telephone | +353-1-896 1765 |
| Email | postgraduate@scss.tcd.ie |
| Web | www.scss.tcd.ie |

Research Programmes

The School of Computer Science and Statistics has a very active Ph.D. programme, with about 200 students currently enrolled. The objective of the programme is that its Ph.D. students undertake world-class research that will have a demonstrable impact on society at large and, in so doing, to have trained the researchers and academics of the future.

For the purposes of research, the School is divided into 5 Disciplines, four of which – Computer Systems, Information Systems, Intelligent Systems and Software Systems – offer a Ph.D. in Computer Science. The Statistics Discipline offers a Ph.D. in Statistics. The typical duration of a Ph.D. is 3 to 4 years and consists of an initial 18 month phase of coursework and development of a research topic, followed by concentration on the research topic and writing of a thesis for presentation at an oral examination.

Current research areas in the School include:

Computer Science – Current research in computer science covers a wide range of topics from the theoretical to the applied. Much of this research is funded by the EU, national funding agencies such as Science Foundation Ireland and the Higher Education Authority as well as both indigenous and multinational companies. Staff research interests include: distributed systems including middleware and ubiquitous computing, artificial intelligence, especially logic programming, neural networks and case-based reasoning, cognitive science, computational linguistics, natural language processing, computer vision and robotics, image processing, networks and telecommunications including network management, security, electronic commerce and mobile communications, computer architecture, grid computing, multimedia servers, computer graphics, image synthesis and animation, virtual reality, multimedia systems, information systems and management, management of ICT, health informatics, and formal methods.

Statistics – The Statistics Discipline has one of the most active research groups in this field in Ireland. The research interests of its staff and graduate students include: modern computationally intensive tools in both Bayesian and classical statistics (techniques which are driven by new applications in science and engineering), theoretical work on modern regression methods, and specialist applications of statistics in business, industry and society. Projects currently supporting research students under funding from national and international agencies include: Bayesian statistical computation using functional approximations like Laplace and variational Bayes, palaeoclimate reconstruction, source separation for multi-spectral astronomical images, estimating species diversity in marine animals, failure and reliability of complex telecommunications networks and optimal road traffic management.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Computer Science (Data Science) (M.Sc.)

March 2017 Entry

- Doctor in Philosophy, Computer Science (Part-Time)
- Doctor in Philosophy, Computer Science (Full-Time)
- Doctor in Philosophy, Statistics (Part-Time)
- Doctor in Philosophy, Statistics (Full-Time)
- Master in Science, Computer Science (Part-Time)
- Master in Science, Computer Science (Full-Time)
- Master in Science, Statistics (Part-Time)
- Master in Science, Statistics (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Computer Science (Part-Time)
- Doctor in Philosophy, Computer Science (Full-Time)
- Doctor in Philosophy, Statistics (Part-Time)
- Doctor in Philosophy, Statistics (Full-Time)
- Master in Science, Computer Science (Part-Time)
- Master in Science, Computer Science (Full-Time)
- Master in Science, Statistics (Part-Time)
- Master in Science, Statistics (Full-Time)

How To Apply

Applications are made online at www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof Donal O'Mahony |
| Course Email | postgraduate@scss.tcd.ie |
| Course Tel | +353-1-896 3692 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The new MSc in Computer Science has a common set of entry criteria and leads to a Master's degree in Computing specializing in one of four exciting areas: Data Science, Intelligent Systems, Graphics and Vision Technologies and Future Networked Systems. The course is designed and taught by staff who are renowned research leaders in their fields. The course content is inspired by their cutting-edge work as well as their contacts with leading industry researchers around the globe.

In the first semester, students gain the necessary skills in Research Methods (to enable students to produce their own dissertation), Innovation (to equip students with skills in company formation or innovating within a large company) and Machine Learning (a foundational technique for each of the specializations). In addition, students will make a start on their specialist modules in their chosen strand.

During the 2nd semester, students will begin foundational work on their dissertation, and immerse themselves in modules of their chosen strand.

The 3rd semester will be exclusively focussed on the Dissertations, doing experimental work, building prototypes and writing up the work.

We expect our graduates to be in high-demand for top-end research and development positions within leading multi-national companies and from startup-companies alike. There will also be opportunities to progress to PhD study with many funded positions available locally.

Admission Requirements

- A 2.1 (60–69%) grade or higher from a reputable university in Computing or strongly related discipline
- A standard of English language competence that will allow full participation in coursework, classwork and other activities – this means an IELTS level of 6.5 overall with no single component below 6.0
- You need to be able to be fully competent in programming in C, C++ or Java [for Graphics and Vision Technologies, you will need to have or acquire competence in C++]
- A strong work ethic and the resolve to strongly engage with the demanding programme. This means, for example, that it will be extremely difficult to do the course while holding part-time employment.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Computer Science (Future Networked Systems) (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof Donal O'Mahony |
| Course Email | postgraduate@scss.tcd.ie |
| Course Tel | +353-1-896 3692 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The new MSc in Computer Science has a common set of entry criteria and leads to a Master's degree in Computing specializing in one of four exciting areas: Data Science, Intelligent Systems, Graphics and Vision Technologies and Future Networked Systems. The course is designed and taught by staff who are renowned research leaders in their fields. The course content is inspired by their cutting-edge work as well as their contacts with leading industry researchers around the globe.

In the first semester, students gain the necessary skills in Research Methods (to enable students to produce their own dissertation), Innovation (to equip students with skills in company formation or innovating within a large company) and Machine Learning (a foundational technique for each of the specializations). In addition, students will make a start on their specialist modules in their chosen strand.

During the 2nd semester, students will begin foundational work on their dissertation, and immerse themselves in modules of their chosen strand.

The 3rd semester will be exclusively focussed on the Dissertations, doing experimental work, building prototypes and writing up the work.

We expect our graduates to be in high-demand for top-end research and development positions within leading multi-national companies and from startup-companies alike. There will also be opportunities to progress to PhD study with many funded positions available locally.

Admission Requirements

- A 2.1 (60–69%) grade or higher from a reputable university in Computing or strongly related discipline
- A standard of English language competence that will allow full participation in coursework, classwork and other activities – this means an IELTS level of 6.5 overall with no single component below 6.0
- You need to be able to be fully competent in programming in C, C++ or Java [for Graphics and Vision Technologies, you will need to have or acquire competence in C++]
- A strong work ethic and the resolve to strongly engage with the demanding programme. This means, for example, that it will be extremely difficult to do the course while holding part-time employment.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Computer Science (Graphics and Vision Technologies)(M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof Donal O'Mahony |
| Course Email | postgraduate@scss.tcd.ie |
| Course Tel | +353-1-896 3692 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The new MSc in Computer Science has a common set of entry criteria and leads to a Master's degree in Computing specializing in one of four exciting areas: Data Science, Intelligent Systems, Graphics and Vision Technologies and Future Networked Systems. The course is designed and taught by staff who are renowned research leaders in their fields. The course content is inspired by their cutting-edge work as well as their contacts with leading industry researchers around the globe.

In the first semester, students gain the necessary skills in Research Methods (to enable students to produce their own dissertation), Innovation (to equip students with skills in company formation or innovating within a large company) and Machine Learning (a foundational technique for each of the specializations). In addition, students will make a start on their specialist modules in their chosen strand.

During the 2nd semester, students will begin foundational work on their dissertation, and immerse themselves in modules of their chosen strand.

The 3rd semester will be exclusively focussed on the Dissertations, doing experimental work, building prototypes and writing up the work.

We expect our graduates to be in high-demand for top-end research and development positions within leading multi-national companies and from startup-companies alike. There will also be opportunities to progress to PhD study with many funded positions available locally.

Admission Requirements

- A 2.1 (60–69%) grade or higher from a reputable university in Computing or strongly related discipline
- A standard of English language competence that will allow full participation in coursework, classwork and other activities – this means an IELTS level of 6.5 overall with no single component below 6.0
- You need to be able to be fully competent in programming in C, C++ or Java [for Graphics and Vision Technologies, you will need to have or acquire competence in C++]
- A strong work ethic and the resolve to strongly engage with the demanding programme. This means, for example, that it will be extremely difficult to do the course while holding part-time employment.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Computer Science (Intelligent Systems) (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof Donal O'Mahony |
| Course Email | postgraduate@scss.tcd.ie |
| Course Tel | +353-1-896 3692 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The new MSc in Computer Science has a common set of entry criteria and leads to a Master's degree in Computing specializing in one of four exciting areas: Data Science, Intelligent Systems, Graphics and Vision Technologies and Future Networked Systems. The course is designed and taught by staff who are renowned research leaders in their fields. The course content is inspired by their cutting-edge work as well as their contacts with leading industry researchers around the globe.

In the first semester, students gain the necessary skills in Research Methods (to enable students to produce their own dissertation), Innovation (to equip students with skills in company formation or innovating within a large company) and Machine Learning (a foundational technique for each of the specializations). In addition, students will make a start on their specialist modules in their chosen strand.

During the 2nd semester, students will begin foundational work on their dissertation, and immerse themselves in modules of their chosen strand.

The 3rd semester will be exclusively focussed on the Dissertations, doing experimental work, building prototypes and writing up the work.

We expect our graduates to be in high-demand for top-end research and development positions within leading multi-national companies and from startup-companies alike. There will also be opportunities to progress to PhD study with many funded positions available locally.

Admission Requirements

- A 2.1 (60–69%) grade or higher from a reputable university in Computing or strongly related discipline
- A standard of English language competence that will allow full participation in coursework, classwork and other activities – this means an IELTS level of 6.5 overall with no single component below 6.0
- You need to be able to be fully competent in programming in C, C++ or Java [for Graphics and Vision Technologies, you will need to have or acquire competence in C++]
- A strong work ethic and the resolve to strongly engage with the demanding programme. This means, for example, that it will be extremely difficult to do the course while holding part-time employment.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Interactive Digital Media (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Asst. Prof Mads Haahr |
| Course Email | postgraduate@scss.tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This M.Sc. course provides a foundation in the technologies and media relevant to the digital media sector. The course runs full-time over a twelve-month period. Formal teaching is divided into two twelve-week semesters.

Each student selects and commences a research project, which must be submitted in the form of a dissertation of 12,000 words by mid March. Students will also complete a final project, which can be a collaborative development with a number of students from the class. There is significant emphasis on theory rather than on media or software applications. A special laboratory is provided for the class where students can become familiar with software applications.

The courses offered include: Introduction to Programming; XML/HTML; Audio Technologies; Sensors; Interactive Authoring; Graphic Design; Image Processing; Cultural and Critical Studies; Research Methodologies; Client/Server Technologies and Networking; Interactive Narrative; Mobile Computing; Image Processing and 3-D Modelling; Game Development and Production; Legal Issues in Digital Publishing.; Digital Media Enterprises

This course is especially suited to graduates with a primary degree in either Humanities or in Computer Science as both disciplines are important to the digital media sector. Applications will be accepted from good honors graduates in any discipline or from mature students with relevant industry experience.

This course has been co-funded under the National Development Plan (Graduate Skills Conversion Programme) for EU fee paying students.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Management of Information Systems (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Professor Denise Leahy |
| Course Email | postgraduate@scss.tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course provides a practical grounding in critical aspects of information systems (IS) management, together with an understanding of current research. On completion of the MSc, students will be equipped with the professional knowledge, expertise and competencies required to assume more senior roles in information systems management in any sector of society. Some graduates pursue further research.

The course consists of a taught component and a substantial research project resulting in a dissertation of approximately 20,000 words. Students are actively encouraged to research topics that are of interest to them and/or relevant to their work and careers. IS theoretical models and perspectives are applied in the course of this research. The taught component covers the following areas: strategic systems planning for information systems; organisational and social impact of information systems; managing the IT customer and supplier environments, innovation and entrepreneurship and research methods.

Admission Requirements

Applicants for this course must normally hold a good honors degree (at least upper second-class level) in computer science, information systems, information technology, business and information technology, computer engineering or a cognate discipline. Relevant professional experience is also desirable. Applicants with degrees in other subject areas, but with good IT experience will be considered on a case by case basis. Applicants may be interviewed.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Statistics (P. Grad. Cert.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Myra O'Regan |
| Course Email | postgraduate@scss.tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The course provides a broad introduction to the statistical ideas and methods relevant to data gathering and analysis in a wide variety of research areas as well as business and administration. The intention is to provide participants with a practical grasp of statistics based on a sound knowledge of the underlying ideas and concepts. Graduates of the course should be well placed to apply the ideas and methods to which they have been introduced in their own work. To this end, all the material is presented in the context of practical examples from a wide range of applications.

The Base Module discusses the fundamental inferential ideas underlying statistical methods. In dealing with these, more emphasis than is usual in first courses is placed on the idea of an underlying statistical model. It is hoped that this emphasis will develop insight into the essential unity of the methods and avoid the all-too-common impression of there being a cookbook full of different statistical recipes for every possible occasion! The Elective Modules apply these ideas to a range of specialised areas.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Engineering

| | |
|-----------------------------------------------------------|--------------------------|
| Head of School | Professor Henry Rice |
| Director of Teaching & Learning (Postgraduate) | Professor Richard Reilly |
| Telephone | +353-1-896 1746 |
| Email | engineering@tcd.ie |
| Web | www.tcd.ie/engineering |

The School of Engineering is comprised of the Disciplines of Civil, Structural and Environmental Engineering; Electronic and Electrical Engineering; and Mechanical and Manufacturing Engineering. Postgraduate activities within the School range from part and full-time Masters and Diploma courses to advanced research programmes usually leading to the award of Doctor in Philosophy (Ph.D.).

Research Programmes

The School of Engineering has an international reputation for its research activities and currently has an annual research income in excess of €6 million. This serves to support both graduate students and postdoctoral fellows who work in a stimulating environment with modern facilities and equipment. Suitably qualified candidates can apply for registration as graduate students working in the research areas outlined below and research funding often provides scholarships for Masters and Doctoral students, to cover the registration, course fees and living costs of research students. Currently, there are over 330 postgraduate students and a significant number of postdoctoral fellows and research associates, many of whom are from other European and non-European countries. Interested candidates are advised to make direct contact with the relevant academic staff member in the first instance. Information on the research activities of the staff can be obtained from our website www.tcd.ie/Engineering/research/

The School has an international research reputation in many topics, including water engineering, structural materials, behaviour and control, digital media processing, communications engineering, energy, vibrations and acoustics, fluids, fatigue, manufacturing technology, bioengineering, transport modelling and geotechnical testing. The research-led school includes internationally renowned experts in their fields. Most of its research is funded through collaborative projects involving industry, the EU and national government programmes.

The principal topic areas in Civil, Structural and Environmental Engineering are Structural Engineering, Environmental Engineering, Transportation (based in the TRIP research centre see www.tcd.ie/transport-research/), Geotechnics and Sustainability. While sustainability is high on the agenda in many disciplines in Engineering, there is a specialised research centre in the Michael McNamara Centre for Construction Innovation and Sustainability (known as TrinityHaus – see www.trinityhaus.tcd.ie/).

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Applied Building Repair and Conservation (P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy, Civil, Structural and Environmental Eng (Part-Time)
- Doctor in Philosophy, Civil, Structural and Environmental Eng (Full-Time)
- Doctor in Philosophy, Electronic and Electrical Engineering (Part-Time)
- Doctor in Philosophy, Electronic and Electrical Engineering (Full-Time)
- Doctor in Philosophy, Mechanical and Manufacturing Engineering (Part-Time)
- Doctor in Philosophy, Mechanical and Manufacturing Engineering (Full-Time)
- Engineering (M.A.I.) (Part-Time)
- Master in Science, Civil, Structural and Environmental Engineering (Part-Time)
- Master in Science, Civil Structural and Environmental Engineering (Full-Time)
- Master in Science, Electronic and Electrical Engineering (Part-Time)
- Master in Science, Electronic and Electrical Engineering (Full-Time)
- Master in Science, Mechanical and Manufacturing Engineering (Part-Time)
- Master in Science, Mechanical and Manufacturing Engineering (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Civil, Structural and Environmental Eng (Part-Time)
- Doctor in Philosophy, Civil, Structural and Environmental Eng (Full-Time)
- Doctor in Philosophy, Electronic and Electrical Engineering (Part-Time)
- Doctor in Philosophy, Electronic and Electrical Engineering (Full-Time)
- Doctor in Philosophy, Mechanical and Manufacturing Engineering (Part-Time)
- Doctor in Philosophy, Mechanical and Manufacturing Engineering (Full-Time)
- Engineering (M.A.I.) (Part-Time)
- Master in Science, Civil, Structural and Environmental Engineering (Part-Time)
- Master in Science, Civil, Structural and Environmental Engineering (Full-Time)
- Master in Science, Electronic and Electrical Engineering (Part-Time)
- Master in Science, Electronic and Electrical Engineering (Full-Time)
- Master in Science, Mechanical and Manufacturing Engineering (Part-Time)
- Master in Science, Mechanical and Manufacturing Engineering (Full-Time)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | makeatin@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This one-year postgraduate course is designed to provide a solid knowledge of materials and built fabrics, both modern and traditional, the causes and mechanisms of failure and the traditional as well as the most advanced ways to repair and preserve them. In addition, on completion of the Diploma, the student is expected to successfully complete a research project and produce specifications for conservation work. The student is expected to develop an understanding of how to manage a conservation project. This course has been approved by Engineers Ireland as meeting its requirements for continuing professional development. This course is recognised by the RIAI (Royal Institute of the Architects of Ireland) in connection with the RIAI Conservation Accreditation System.

The course comprises approximately 86 hours of core lectures, 18 hours of practical lectures and case studies, 18 hours of laboratory work and 9 hours of site visits. These are normally held on Friday 7–10 p.m. and Saturday 9.30 a.m.–12.30 p.m. each week throughout the two semesters (September to April). In addition, the student, working individually, shall complete a research project.

Course content includes: Research and Documentation; The Built Heritage. Archaeology. Vernacular Architecture. Legislation.; Building Surveying and Recording. BIM for Historic Structures.; Building Stone. Ceramics. Metals. Timber. Thatch and Mudwall; Building Limes and Cements. Concrete; Heat and Moisture. Retrofitting for Energy Performance; Construction Technology and Project Management. Repairs. Case Studies; Structural Damage. Repairs to Masonry Fabrics and Building Elements. Structural Case Studies; Research project.

The award of a Postgraduate Diploma in Applied Building Repair and Conservation is based on a combination of the results of two examination papers and a research project. Each paper constitutes one third and the project the remaining third of the overall assessment. Students must pass each paper and the project. There is no system of compensation. The pass mark for the examinations and the project is 40%. A Distinction is awarded to those who obtain an overall average mark of 70% or more in both the project and two papers combined at the summer examinations. The annual examination will be held in May and June, with a supplemental examination in September. All students are required to sit the annual examination in May/June, unless permission to defer is received from the Dean of Graduate Studies.

Admission Requirements

Please note that applications require professional references.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Bioengineering (M.Sc. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Professor Conor Buckley |
| Course Email | tcbe@tcd.ie |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. in Bioengineering provides education and training to the next generation of biomedical engineers. Bioengineering is defined as the application of the principles of engineering to advancements in healthcare and medicine. Some of the most exciting work in biomedical engineering today takes place at the intersection of disciplines where the biological, physical and digital worlds intersect and have an impact on the human condition.

The M.Sc. in Bioengineering is designed to provide engineers and scientists with the education, training and creative skills needed to practice and focus on important clinical needs in the medical devices industry, or research and clinical institutes. Students of the MSc in Bioengineering in Trinity College Dublin take lectures from experts in a variety of biomedical engineering subjects and carry out research in world class, state of the art research laboratories and facilities. This MSc programme also provides an excellent foundation for further research and many graduates are currently pursuing Ph.D. research in diverse fields of biomedical engineering in universities in Ireland and around the world.

The MSc in Bioengineering offers four distinct streams tailored to the background and previous experience of entrants: General stream; Neural Engineering Specialisation; Medical Device Design Specialisation; Tissue Engineering Specialisation

Our unique streams provide our graduates a distinct competitive edge in the global medical device and biomedical engineering market place. Students of the MSc in Bioengineering with the appropriate background have the opportunity to specialise in one of three key research themes – neural engineering, medical device design, or tissue engineering. All four streams lead to the award of the MSc in Bioengineering and consist of compulsory core modules as well as optional modules

- The MSc in Bioengineering General stream has been designed to provide a sound and broad basis in bioengineering for entrants without a previous background in biomedical engineering, providing engineers and scientists with the education needed to practice bioengineering in the medical devices industry.
- The MSc in Bioengineering with specialisation in Neural Engineering aims to provide students with the education needed to undertake neural engineering in research and clinical environments. Students receive a focused education on the key subjects of neural engineering such as Neural Signal Analysis, Implantable Neural Systems and Neuroimaging Technologies. Neural engineering

has generated considerable scientific and clinical opportunities, not only for the development of interfaces between the brain and computers but also for its mostly untapped potential to help understand neurological disorders such as Parkinson's' Disease or psychiatric disorders such as schizophrenia.

- The MSc in Bioengineering with specialisation in Medical Device Design is designed to bring together clinicians, researchers and the medical device industry to produce new solutions for clinical needs. The field of medical device research is a fast moving area which can offer students a rewarding career in the global medical device market. Students will gain a specific education of the key topics in medical device design process and a knowledge of medical device regulation.
- The MSc in Bioengineering with specialisation in Tissue Engineering provides students with an understanding of stem cells, animal and human cell culture processes, and strategies to regenerate or repair damaged tissues. This exciting multidisciplinary field of research holds significant potential in the treatment of many diseases and disorders such as Osteoarthritis, Back pain, Diabetes, Corneal degeneration, Peripheral nerve damage and Cardiovascular disease. Students receive a focused education on the key subjects of tissue engineering such as Biomaterials, Advanced Cell and Tissue Engineering and Laboratory Techniques in Cell and Tissue Engineering. This stream is designed to provide “hands-on” training in state of the art cell and tissue engineering techniques, which provides the necessary skills to pursue a significant research topic in the field of tissue engineering and regenerative medicine.

The only course of its kind in Ireland, the MSc in Bioengineering has received a number of awards (Engineers Ireland Excellence in Education Award and Best Postgraduate Course of the Year 2012 in Engineering; Runner up, Best Postgraduate Course of the Year 2016 in Engineering) which recognise the scale and diversity of the MSc in Bioengineering course delivers in terms of the student experience, its contribution to the economy and making an impact on global healthcare.

Admission Requirements

Applicants will be required to hold a minimum of an upper second class honors degree in engineering, biomedical technology, or a cognate discipline. Applications will be reviewed on an ongoing basis and short-listed candidates will be invited for interview on a rolling basis.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Construction Law and Contract Administration (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | walshd@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This one-year postgraduate course is designed to enable civil engineers and other suitable qualified professionals, such as architects and quantity surveyors and lawyers, to acquire a knowledge of construction law. The diploma is accepted by Engineers Ireland as fulfilling criterion no. 2 (Knowledge of Law and Contract Procedure) for admission to the IEI list of conciliators. This Diploma has also been approved by Engineers Ireland as meeting the requirements for continuing professional development. Accreditation has also been given for Part II status of membership of the Chartered Institute of Arbitrators.

Lectures are normally held on Friday evening 7–10 p.m. and Saturday morning 9.30 a.m. – 12.30 p.m. each week throughout the two semesters (September to April) with some lectures and workshop sessions scheduled for Friday afternoons. In addition to attending lectures, participants are required to participate in workshops, which comprise a major part of the course and involve coursework to be submitted as part of the students' assessment.

Course Content

1. Introduction to Legal Systems and Methods; the Irish litigation process; the law of evidence
2. The Law of Tort; The Law of Contract
3. Contracts in construction – procurement methods, engineering and building contracts, tenders, claims, insurance, subcontracts; case law; public procurement; contracts for other professions
4. Risk and insurance; sureties; statutory duties; professional relationships, duties and liabilities
5. Methods of dispute resolution

Assessment

Two three-hour examinations are held on two Saturdays in April/May. Each of these constitutes one third of the overall assessment. Coursework, which is done throughout the year, accounts for the remaining one third of the overall assessment. Students must pass each examination paper and each coursework assignment.

Admission Requirements

An honours degree in Engineering or related subject, or a suitable professional qualification (B.Sc. Surveying will be considered if the candidate is working in an engineering environment). A candidate may be interviewed to establish his or her suitability for the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Engineering (Environmental/ Structural and Geotechnical/ Transport) (M.Sc/P.Grad.Dip)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Prof Liwen Xiao |
| Course Emails | lxiao@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This is a one year full-time or two year part-time postgraduate course designed to provide graduate engineers with specialist understanding in one of: Environmental Engineering; Structural Engineering; or Transport Engineering. In addition, the course offers students the opportunity to obtain knowledge in complimentary subject areas within Civil Engineering.

Course Organisation

The M.Sc. course can be undertaken as either a one year full-time or a two-year part-time postgraduate course.

The degree programme is divided into three parts: two semesters of taught courses (September – April inclusive) with an average of 18 lectures per week. A major dissertation is undertaken during the second half of the course (April – September inclusive).

It is possible to work full-time and do the course as a part-time option, providing you have the agreement of your employer.

Course Content

Candidates must take eleven modules, namely the three mandatory modules (M1, M2 and M3) together with at least four of the modules in their chosen specialisation and four other modules, which in total amounts to 90 ECTS.

In the first semester, candidates pursuing the course full time must take modules M1 and M2 along with four other modules selected from options (including at least two from their selected specialisation), listed below. In the second semester, candidates pursuing the course full time must take module M3 along with four other modules selected from options (including at least 2 from their selected specialisation), also listed below:

Mandatory: M1. Civil Engineering Management (10 ECTS); M2. Research Methodology (10 ECTS); M3. (Environmental / Structural / Transport) Engineering Dissertation (30 ECTS)

Environmental Engineering: E1. Engineering Hydrology (5 ECTS); E2. Environmental Monitoring and Assessment (5 ECTS); E3. Environmental Processes and Technology (5 ECTS); E4. Waste and Environmental Management (5 ECTS); E5. Water Quality and Hydrological Modelling (5 ECTS). E6. Water Resource Planning (5 ECTS)

Structural and Geotechnical Engineering: S1. Geotechnical Engineering (5 ECTS); S2. Advanced Structural Analysis (5 ECTS); S3. Structural Dynamics and Earthquake Engineering (5 ECTS); S4. Bridge Engineering (5 ECTS); S5. Advanced Concrete Technology (5 ECTS); S6.

Engineering (Sustainable Energy) (M.Sc/ P.Grad.Dip)

Soil-Structure Interaction (5 ECTS); S7. A Unified Theory of Structures (5 ECTS); S8. Concrete Durability and Sustainability (5 ECTS); S9. Advanced Theory of Structures (5 ECTS)

Transport Engineering: T1. Transportation Engineering (5 ECTS); T2. Transport Modelling (5 ECTS); T3. Highway Engineering (5 ECTS); T4. Applied Transportation Analysis (5 ECTS)

Common: C1. Renewable Energy 1 (5 ECTS); C2. Renewable Energy 2 (5 ECTS); C3. Modelling of Civil Engineering Systems (5 ECTS); C4. Facade Engineering (5 ECTS); C6. Construction Innovation and Research (5 ECTS)

Some of the module options in either semester may be withdrawn from time to time and some new modules may be included, subject to demand. In addition to passing the prescribed examinations, each student must submit a dissertation on an approved topic relating to their chosen specialisation.

Part Time Option: For candidates taking the course part-time over two years, during the first year, candidates take seven modules, namely: the mandatory modules M1 and M2 along with five of the module options (including at least two from their chosen specialisation) which amounts to 45 ECTS. During the second year, candidates must complete the compulsory M3 module together with three other module options (including at least two from their chosen specialisation) which amounts to 45 ECTS. By the end of the course, part-time candidates must have completed at least four of their specialisation module options and four of the other options, amounting to a total of 90 ECTS credits.

The part time option runs in parallel with the full time course. Full and part time students attend the same lectures which are typically scheduled Monday – Friday, 9 – 5pm. During the teaching periods, students taking the part time option are typically required to attend 9 – 12 hours per week during year 1 and 3 – 6 hours during year 2.

Assessment: Examination of course modules and completion of a Major Dissertation.

Admission Requirements

The entry criteria are an upper second honours degree (or equivalent) in a Civil Engineering or related degree. Relevant industrial experience may be taken into account in allocating places where the course is oversubscribed.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Aonghus McNabola |
| Course Coordinator | Prof Liwen Xiao |
| Course Email | lxiao@tcd.ie |
| Course Tel | +353-1-896 1457 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This is a one year full-time or two year part-time postgraduate Masters course designed to provide graduate engineers with specialist understanding in one of: Environmental Engineering; Structural Engineering; Transport Engineering; or Sustainable Energy Engineering. In addition, the course offers students the opportunity to obtain knowledge in complimentary subject areas within Civil Engineering.

The MSc course can be undertaken as either a one year full-time or a two-year part-time postgraduate course.

The degree programme is divided into three parts: two terms of taught courses (September – April inclusive) with an average of 18 lectures per week. A major dissertation is undertaken during the second half of the course (April – August inclusive). It is possible to work full-time and do the course as a part-time option, providing you have the agreement of your employer.

Course Content

Candidates must take eleven modules, namely the three mandatory modules (M1, M2 and M3) together with at least four of the modules in their chosen specialisation and four other modules, which in total amounts to 90 ECTS.

In the first term, candidates pursuing the course full time must take modules M1 and M2 along with four other modules selected from options (including at least two from their selected specialisation), listed below. In the second term, candidates pursuing the course full time must take module M3 along with four other modules selected from options (including at least 2 from their selected specialisation), also listed below:

Mandatory: M1. Civil Engineering Management (10 ECTS); M2. Research Methodology (10 ECTS); M3. (Environmental / Structural / Transport) Engineering Dissertation (30 ECTS)

Environmental Engineering: E1. Engineering Hydrology (5 ECTS); E2. Environmental Monitoring and Assessment (5 ECTS); E3. Environmental Processes and Technology (5 ECTS); E4. Waste and Environmental Management (5 ECTS); E5. Water Quality and Hydrological Modelling (5 ECTS). E6. Water Resource Planning (5 ECTS)

Structural and Geotechnical Engineering: S1. Geotechnical Engineering (5 ECTS); S2. Advanced Structural Analysis (5 ECTS); S3. Structural Dynamics and Earthquake Engineering (5 ECTS); S4. Bridge Engineering (5 ECTS); S5. Advanced Concrete Technology (5 ECTS); S6. Soil-Structure Interaction (5 ECTS); S7. A Unified Theory of Structures (5 ECTS); S8.

Engineering (by Module) (M.Sc)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Prof David Taylor |
| Course Email | dtaylor@tcd.ie |
| Course Tel | +353-1-896 1703 / 1383 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. (by module) is designed to provide a flexible route to a master's qualification for students who have completed a bachelor's degree. The degree spans a range of disciplines. Each student assembles a coherent group of modules focusing on a particular theme with the guidance and approval of a study committee. This facilitates a multidisciplinary approach to their studies and in particular their research project.

The MSc (by module) has a broader appeal to EU and non-EU students who wish to do a taught master's degree in areas other than those specialized masters programmes currently offered. The structure will appeal to students who wish to do a general degree and also to those who arrive with a particular area of interest that requires a more flexible and multidisciplinary approach.

Course Structure

The M.Sc. in Engineering (by module) consists of taught modules and a project together amounting to 90 ECTS. The taught component comprises modules totaling 60 ECTS credits. In the first semester, candidates pursuing the course must take modules worth at least 25 ECTS. In the second semester, candidates pursuing the course must take the balance of the ECTS. M.Sc. candidates will, in addition, complete a substantial research project and submit a dissertation which accounts for a further 30 ECTS to be eligible for the award of the degree.

All candidates take taught course modules to a total of 60 credits. The full list of modules are available at www.tcd.ie/courses/postgraduate/az

Assessment: The pass mark for all elements is 50%. To qualify for the award of the M.Sc. degree, students must achieve an overall average mark of at least 50%, achieve a pass mark in the dissertation and either (i) pass taught modules amounting to 60 ECTS credits or (ii) pass taught modules amounting to at least 50 ECTS credits and have a mark of not less than 40% in the failed modules. Both examination and dissertation are subject to external moderation. Those students who achieve an overall average mark of 70% or above both for the course and in the dissertation will be awarded a distinction. A distinction cannot be awarded if a candidate has failed any module during the course.

Admission Requirements

Candidates for this course must normally hold a first or second class, first division honours Bachelor degree in engineering or a cognate discipline and pursue the course full-time for a period of not less than 12 consecutive months.

Concrete Durability and Sustainability (5 ECTS); S9. Advanced Theory of Structures (5 ECTS)

Transport Engineering: T1. Transportation Engineering (5 ECTS); T2. Transport Modelling (5 ECTS); T3. Highway Engineering (5 ECTS); T4. Applied Transportation Analysis (5 ECTS)

Sustainable Energy: J1. Wind Energy (5 ECTS); J2. Solar Energy Conversion and Applications (5 ECTS); J3. Energy Policy and Demand (5 ECTS); J4. Building Energy Physics and Control (5 ECTS); J5. Renewable Heat (5 ECTS); J6. Wave and Hydro Energy (5 ECTS)

Common: C3. Modelling of Civil Engineering Systems (5 ECTS); C4. Facade Engineering (5 ECTS); C6. Construction Innovation and Research (5 ECTS)

Some of the module options in either semester may be withdrawn from time to time and some new modules may be included, subject to demand. In addition to passing the prescribed examinations, each student must submit a dissertation on an approved topic relating to their chosen specialisation.

Part Time Option: For candidates taking the course part-time over two years, during the first year, candidates take seven modules, namely: the mandatory modules M1 and M2 along with five of the module options (including at least two from their chosen specialisation) which amounts to 45 ECTS. During the second year, candidates must complete the compulsory M3 module together with three other module options (including at least two from their chosen specialisation) which amounts to 45 ECTS. By the end of the course, part-time candidates must have completed at least four of their specialisation module options and four of the other options, amounting to a total of 90 ECTS credits.

The part time option runs in parallel with the full time course. Full and part time students attend the same lectures which are typically scheduled Monday – Friday, 9 – 5pm. During the teaching periods, students taking the part time option are typically required to attend 9 – 12 hours per week during year 1 and 3 – 6 hours during year 2.

Assessment: Examination of course modules (through written exams, individual assignments and presentations, mini projects, group work, etc.) and completion of a Major Dissertation.

Admission Requirements

The entry criteria are an upper second 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.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Environmental Engineering (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | walshd@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Diploma is a one-year postgraduate course designed to provide civil engineers and other suitably qualified graduates with a sound knowledge of present day practice in environmental engineering. The course has special relevance for local authority engineers but it has also been designed for those in the private sector who have a particular interest in environmental management with a particular emphasis on measures of quantitative assessment. Topics covered in the course include air quality, noise, hydrological processes, water and wastewater treatment, solid and toxic waste management, fire safety engineering and environmental monitoring and control. Environmental Impact Studies and analysis of risk, as an inherent part of infrastructural development, are also considered. This course has been approved by Engineers Ireland as meeting its requirements for continuing professional development.

Course Organisation

Lectures are normally held on Friday evening 7–10 p.m. and Saturday morning 9.30 a.m.–12.30 p.m. each week throughout the two semesters (September to April). In addition to attending lectures, participants are required to submit coursework as part of the students' assessment.

Course Content:

- Environmental legislation, EIA and EIS
- Hydrology for environmental management
- Water and wastewater engineering
- Air quality and noise monitoring and management
- Solid and hazardous wastes
- Fire safety engineering
- Renewable energy

Special topics including water borne diseases, radiation hazards.

Assessment: The award of a Postgraduate Diploma in Environmental Engineering is based on a combination of the results of two examination papers and coursework. Each paper constitutes one third of the overall assessment. The mark for the coursework also constitutes one third of the overall grade. Students must pass each paper and the coursework element independently; there is no system of

compensation. The pass mark for the examination papers is 40%. A Distinction is awarded to those who obtain an overall average mark of 70% or over in both the coursework and two papers combined at the summer examination. The Diploma awarding ceremony takes place in November.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Fire Safety Practice (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | walshd@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This one-year postgraduate course is designed to enable engineers, architects, fire prevention officers and other suitably qualified professionals working in the construction industry acquire a sound knowledge and understanding of fire in buildings, the safety requirements in the design of buildings and the various options available for minimising the risk of fire in buildings. The course also includes the design of fire safety systems and guidance in the preparation of an application for a fire safety certificate. This course has been approved by Engineers Ireland as meeting its requirements for continuing professional development.

Course Content:

1. Fundamentals of Fire Science and Fire Engineering
2. Fire Safety Engineering
3. Active Fire Protection Systems
4. Legal Principles; Fire, Safety and Health Legislation, Insurances
5. The Building Control Act, 1990 and Building Regulations
6. The Fire Services Acts, 1981 and 2003
7. Coursework Assignments

Lectures are normally held on Friday evening 7–10 p.m. and Saturday morning 9.30 a.m.–12.30 p.m. each week throughout the two semesters (September to April). Coursework, which is an integral part of the course, consists of two assignments that are carried out in the students' own time.

The award of a Postgraduate Diploma in Fire Safety Practice is based on a combination of the results of two examination papers and two coursework assignments. Each paper and the coursework constitute one third of the overall assessment. Students must pass each paper and the coursework. There is no system of compensation. The pass mark for the examinations and the coursework is 40%. A Distinction is awarded to those who obtain an overall average mark of 70% or more in both the coursework and two papers combined at the summer examination. The Diploma awarding ceremony takes place in November.

Admission Requirements

The admission requirement is an honours degree in Civil Engineering or Architecture. Other suitably qualified construction professionals may also be admitted. A candidate may be interviewed to establish his or her suitability for the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Health and Safety in Construction (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | walshd@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This one-year postgraduate course is designed to enable civil engineers and other construction professionals to become familiar with the latest developments in Health and Safety legislation and practice. In addition, the course will provide them with the knowledge necessary to perform the roles of Project Supervisor, Health and Safety Coordinator, Safety Advisor, and Safety Officer. In general, the issue of Health and Safety related competency in design and on construction sites is comprehensively dealt with in this programme. The course has been accredited by IOSH and students successfully completing the programme will be eligible to apply for graduate level membership of IOSH.

Lectures are normally held on Friday evening 7–10 p.m. and Saturday morning 9.30 a.m.–12.30 p.m. each week throughout the two semesters (September to April). In addition to attending lectures, participants are required to submit coursework as part of the students' assessment.

Course Content

1. Health and safety legislation and legal framework
2. Risk management for design and construction
3. Construction regulations
4. Other relevant legislation
5. Health and safety management and training
6. Health and welfare issues; physical and chemical agents' regulations and controls

Assessment

Two three-hour examinations are held on two Saturdays in April/May. Coursework, which is done throughout the year, also contributes towards the overall assessment.

Admission Requirements

An honours degree in Engineering or related discipline is required. Applications are assessed based on academic qualifications, together with the number of years of relevant experience. A candidate may be interviewed to establish his or her suitability for the course.

Music and Media Technologies (M.Phil. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 12 months full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | kirkwooj@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

In recognition of a shared interest in Information Technology and a growing awareness of its relevance for music, the Department of Electronic and Electrical Engineering and the Department of Music initiated a Masters Programme in Music and Media Technologies in Trinity in 1996.

A particular feature of this programme is a balanced approach to musical and technological topics. Musically, a strong emphasis is placed on the development of adaptable compositional skills, while technological topics are addressed from both a hands-on workstation/studio exposure and a fundamental mathematical and scientific basis, which focuses on musically relevant issues.

The first and second semesters comprise a self-contained Postgraduate Diploma course which provides the necessary musical and technological skills to allow creative individuals to engage in computer-assisted composition and production, apply software tools for the music and New Media industries and/or enter the arena of 'music-on-screen' production for New Media products.

Continuing on to do a thesis towards an M.Phil. degree is an option, which is open to those achieving a sufficient standard in their end of semester 2 exams. The project can be of a musical or technological nature.

The MMT programme covers a wide range of subjects within the general field of music technology, and provides students with a fully professional qualification. The work is intensive and these programmes cannot be undertaken part-time.

This course has been co-funded under the National Development Plan (Graduate Skills Conversion Programme) for EU fee paying students.

Admission Requirements

Acceptance for the course is based on an overall assessment, which takes into account:

- Undergraduate degree qualification. (Consideration will be given to mature students (over 23 by 1 January of the year of entry) who do not have an undergraduate qualification but who clearly demonstrate relevant experience over a number of years in a related industry or field.)
- Musical/compositional/artistic and/or technological ability as evidenced by a portfolio submission
- References
- Interview

Physical Planning (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Trevor Orr |
| Course Email | walshd@tcd.ie, makeatin@tcd.ie, torr@tcd.ie |
| Course Tel | +353-1-896 1704 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This is a one-year postgraduate course designed to provide engineers and other suitably qualified graduates with a good appreciation and understanding of project management techniques and practice in civil engineering and construction. Since much of this course is generic, it is also suitable for those involved in managing projects in other areas, for example, in manufacturing and information technology. This course has been approved by Engineers Ireland as meeting its requirements for continuing professional development.

Lectures are normally held on Friday evenings and Saturday mornings each week throughout the academic year. Coursework involves carrying out an individual research project in one's own time and also using project management software on Trinity's computers as an integral part of the course on some Friday evenings.

Course Content

1. Project Management Principles and Practice
2. Contracts and Tendering Procedures
3. Legal Principles and Employment Legislation
4. Project Accounting and Cost Control
5. The Computer, BIM and IT in Project Management
6. Human Resources Management, Health and Safety, Insurances
7. Coursework Assignments

Assessment

The award of a Postgraduate Diploma in Project Management is based on a combination of the results of two examination papers and two coursework assignments. Each paper and the coursework constitute one third of the overall assessment. Students must pass each paper and the coursework; there is no system of compensation. The pass mark for the examination papers and the coursework is 40%. A Distinction is awarded to those who obtain an overall average mark of 70% or more in both the coursework and two papers combined at the summer examination. The Diploma awarding ceremony takes place in November.

Admission Requirements

An honours degree in Engineering or related subject, or a suitable professional qualification plus at least one year's relevant work experience. A candidate may be interviewed to establish his or her suitability for the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Project Management (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | walshd@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This is a one-year postgraduate course designed to provide engineers and other suitably qualified graduates with a good appreciation and understanding of project management techniques and practice in civil engineering and construction. Since much of this course is generic, it is also suitable for those involved in managing projects in other areas, for example, in manufacturing and information technology. This course has been approved by Engineers Ireland as meeting its requirements for continuing professional development.

Lectures are normally held on Friday evenings and Saturday mornings each week throughout the academic year. Coursework involves carrying out an individual research project in one's own time and also using project management software on the College computers as an integral part of the course on some Friday evenings.

Course Content

1. Project Management Principles and Practice
2. Contracts, Tendering Procedures, BCAR and Insurances
3. Legal Principles and Employment Legislation
4. Project Accounting and Cost Control
5. The Computer, BIM and IT in Project Management
6. Leadership, Human Resources, Change Management and Health and Safety
7. Coursework Assignments

Assessment

The award of a Postgraduate Diploma in Project Management is based on a combination of the results of two examination papers and two coursework assignments. Each paper and the coursework constitute one third of the overall assessment. Students must pass each paper and the coursework; there is no system of compensation. The pass mark for the examination papers and the coursework is 40%. A Distinction is awarded to those who obtain an overall average mark of 70% or more in both the coursework and two papers combined at the summer examination. The Diploma awarding ceremony takes place in November.

Admission Requirements

An honours degree in Engineering or related subject, or a suitable professional qualification plus at least one year's relevant work experience. A candidate may be interviewed to establish his or her suitability for the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Sustainable Energy (P.Grad. Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Laurence Gill |
| Course Coordinator | Dr Sarah McCormack |
| Course Email | makeatin@tcd.ie |
| Course Tel | +353-1-896 1047 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This is a one-year postgraduate course designed to provide civil engineers and other suitably qualified professionals with a good understanding of energy management and efficiency as well as sustainable energy generation. The course will further advanced knowledge in efficiency techniques, sustainable energy technologies and energy management systems and strategies. It will include theory and practice along with economics, current legal requirements and standards. The course will be of particular interest to those already in employment as part of ongoing professional training as well as leading to the widening of new job opportunities for its graduates. The Diploma award is based on a combination of the results of two examination papers and an individual project. Students must pass each paper and the project and neither of these can be deferred.

The course consists of 3 taught modules each carrying 20 ECTS credits.

- Module 1: Energy management and efficiency will introduce topics such as energy physics, energy resources, climate change and environment. Energy demand and energy management will be detailed sectorally in terms of energy in buildings; in transport and in industry. There will be a focus on measures for energy reduction and energy efficiency along with assessment procedures. Topics in energy economics, policy, embodied energy and life cycle analysis and finally energy legislation and energy markets will be addressed.
- Module 2: Sustainable energy technologies will introduce energy generation and conversion. It will concentrate on renewable energy generation technologies (and include lectures on wind, wave, tidal, biomass, biofuels, geothermal, hydro, solar, waste to energy) and low carbon technologies (nuclear energy, hydrogen, fuel cells). Grid integration and energy storage will be addressed as well as the future of fossils including clean coal and carbon capture and storage.
- Module 3: Individual project is a key element of the course where the theoretical and technical aspects of Sustainable Energy which have been presented, analysed and discussed in the other two modules are brought into practical and innovative focus. Each student will be expected to engage in a piece of original study to reveal a novel aspect of sustainable energy.

Lectures will be held on Friday evenings and Saturday mornings each week throughout the two semesters (September to April), with laboratories or site visits scheduled for Saturday mornings. In addition to attending lectures, students are required to prepare and submit individual original pieces of coursework relating to the subject matter of each of the modules. Assessment is by examination and coursework.

Admission Requirements

A minimum Lower Second Class (2.2) award in an Honours Bachelor of Engineering or Science Degrees or equivalent professional qualification.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Genetics and Microbiology

| | |
|-----------------------------------------------------------|--------------------------------|
| Head of School | Professor Charles Dorman |
| Director of Teaching & Learning (Postgraduate) | Professor Seamus Joseph Martin |
| Telephone | +353 1 896 1190 |
| Email | scgenmic@tcd.ie |

Research Programmes

Department of Microbiology

- Telephone: +353-1-896 1190
- Email: Jayne Vance magoverj@tcd.ie
- www.tcd.ie/Microbiology

Research in Microbiology is focused on infection biology, preventive medicine, prokaryotic gene regulation, the flow of genetic information, genome composition and structure in yeasts, yeast biotechnology and virus evolution.

Research groups are housed in the Moyne Institute of Preventive Medicine, a building funded by the Normanby Trust. It is well equipped to support state-of-the-art research in modern molecular and cellular microbiology. There are currently eight members of academic staff.

Department of Genetics

- Telephone: +353-1-608 1140
- Email: gensec@tcd.ie
- www.tcd.it/Genetics

Research in the Department of Genetics covers a wide variety of themes ranging from molecular control of cell death in cancer and immunity, the genetics of blindness, genome and protein evolution, brain wiring, genetic engineering of plants, gene expression in cancer, the genetic history of the Irish, and bacterial genetics. Research groups are housed in The Smurfit Institute, a modern purpose-built institute that offers superb facilities to conduct research. Work from research groups within the Smurfit Institute of Genetics is regularly published in prestigious international journals and several of our research groups are acknowledged as leading experts in their fields. There are currently 15 members of academic staff, 45 postgraduate students and 35 post-doctoral fellows in the Department of Genetics.

Students who wish to apply to study for a M.Sc. or Ph.D. in the School should initially contact the academic staff member working in the area of interest. Contact details for all of our academic staff can be found on the websites above.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

March 2017 Entry

- Doctor in Philosophy, Genetics (Part-Time)
- Doctor in Philosophy, Genetics (Full-Time)
- Doctor in Philosophy, Microbiology (Part-Time)
- Doctor in Philosophy, Microbiology (Full-Time)
- Master in Science, Genetics (Part-Time)
- Master in Science, Genetics (Full-Time)
- Master in Science, Microbiology (Part-Time)
- Master in Science, Microbiology (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Genetics (Part-Time)
- Doctor in Philosophy, Genetics (Full-Time)
- Doctor in Philosophy, Microbiology (Part-Time)
- Doctor in Philosophy, Microbiology (Full-Time)
- Master in Science, Genetics (Part-Time)
- Master in Science, Genetics (Full-Time)
- Master in Science, Microbiology (Part-Time)
- Master in Science, Microbiology (Full-Time)

How to Apply

Applications are made online at:

www.tcd.ie/courses/postgraduate/az

School of Mathematics

| | |
|-----------------------------------------------------------|---------------------------|
| Head of School | Sinead Ryan |
| Director of Teaching & Learning (Postgraduate) | Professor John G. Stalker |
| Telephone | +353-1-896 1889 |
| Email | mathdep@maths.tcd.ie |
| Web | www.maths.tcd.ie |

Postgraduate study in the School of Mathematics offers students a range of subjects in pure mathematics, theoretical physics, and interdisciplinary subjects such as bioinformatics and neuroscience. The School is small and the setting is informal which encourages close contact with staff, postdoctoral fellows, visiting scholars and fellow postgraduate students. The workshops and guests of the School's Hamilton Mathematics Institute (www.hamilton.tcd.ie) in addition to its joint seminars with the School of Theoretical Physics of the Dublin Institute for Advanced Studies and TCD's three neighbouring universities provide a stimulating intellectual backdrop to a student's stay at TCD.

Postgraduate students in the School may read for a Ph.D. or M.Sc. degree by research. They may also pursue a one-year, full-time taught course in High-Performance Computing. There are no formal course requirements for those pursuing a degree by research, but research students are expected to participate fully in appropriate seminars. Prospective students are expected to possess a good honours degree (i.e. an upper second class at least) and to have the necessary background to pursue advanced study in their chosen field of research.

Research Programmes

The School has two broad research groups in Pure Mathematics and Theoretical Physics areas.

Pure Mathematics: The main thrust is in analysis, especially partial differential equations, and also operator algebras, operator theory and complex analysis.

- Partial Differential Equations - Nonlinear partial differential equations, dynamical systems; Paschalis Karageorgis: Hyperbolic nonlinear partial differential equations, especially nonlinear wave and Schrödinger equations. Problems of existence and qualitative properties of solutions; John Stalker: Hyperbolic partial differential equations, especially those systems which are of particular physical interest. Mostly these are the Einstein equations of general relativity, but also the Euler equations of fluid mechanics and the equations governing nonlinear elasticity.
- Functional analysis: Richard M. Timoney: Operator spaces, complex analysis. Complex analysis and geometry;
- Complex Analysis and Geometry: Dmitri Zaitsev has interests including several complex variables (CR geometry), real and complex algebraic geometry, symplectic geometry and Lie group actions.
- Algebra and Number Theory: Vladimir Dotsenko works on homological and homotopical algebra, combinatorics, representation theory, Gröbner bases.
- Algorithms: Colm Ó Dúnlaing works on the theory of computation, algorithm design, computational complexity, and computational geometry.
- History of Mathematics: David Wilkins works on the history of mathematics, concentrating on the work of Hamilton and contemporaries of the 19th century.

High Performance Computing (M.Sc. / P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy, Mathematics (Part-Time)
- Doctor in Philosophy, Mathematics (Full-Time)
- Master in Science in School of Mathematics (Part-Time)
- Master in Science in School of Mathematics (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Mathematics (Part-Time)
- Doctor in Philosophy, Mathematics (Full-Time)
- Master in Science in School of Mathematics (Part-Time)
- Master in Science in School of Mathematics (Full-Time)

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Michael Peardon |
| Course Email | mjp@maths.tcd.ie |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Provided by the School of Mathematics, this is a one year (full time) taught M.Sc. in High Performance Computing. The degree provides practical training in the emerging high performance computing technology sector.

The aim of the course is to train students in practical applications of high-performance technical computing in industry, finance and research. Course content includes computer architecture, software optimisation, parallel programming, classical simulation and stochastic modelling. Application areas include simulation of physical, chemical and biological systems, financial risk management, telecommunications performance modelling, optimisation and data mining. The course has a number of optional elements, allowing specialization in application areas.

The course includes a strong practical element. Students have unlimited access to a dedicated teaching computing laboratory, and access to the facilities of the Trinity College Centre for High- Performance Computing, which include large-scale parallel computers. Career opportunities include mathematical modeling, simulation and forecasting, database mining and resource management. The techniques covered during the year will allow students to work in advanced software development including parallel and concurrent software applications. High-performance technical computing methods are becoming increasingly widespread in research into mathematics, physics, chemistry and biotechnology, engineering and finance, providing a wide range of options for the student wishing to go on to further research.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Natural Sciences

| | |
|-----------------------------------------------------------|--------------------------------|
| Head of School | Professor Fraser Mitchell |
| Director of Teaching & Learning (Postgraduate) | Professor Patrick Wyse-Jackson |
| Telephone | +353-1-896 2920 |
| Email | schnatsc@tcd.ie |
| Web | www.naturalscience.tcd.ie |

The School of Natural Sciences, comprising the academic units of Botany, Geography, Geology and Zoology and incorporating the Centre for the Environment, forms an internationally recognised, research-led centre of academic excellence accommodating biological, physical and social scientists.

Research Programmes

The research interests of staff in the School are highly diverse and span the four major themes of: Ecology and Evolution; Earth and Environmental Science; Molecular Biology and Comparative Physiology. Society, Space and Environment.

Our research is conducted by 39 principal investigators whose activities are supported by post-doctoral and postgraduate researchers engaged in a wide range of dynamic research areas. Currently, there are in excess of 140 postgraduate research students and a further 50 students in total registered for the School's one-year taught Masters degree programmes (Environmental Sciences, Biodiversity and Conservation, Environment and Development) and a further 45 on the 2 year Masters in Development Practice. Our School is productive in its output of research, producing over 500 peer-reviewed publications since 2004, along with a host of books and presentations by invitation at conferences and other events. The School's website (www.naturalscience.tcd.ie/research) provides up-to-date information on the research interests of individual and groupings of members of academic staff in the School.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Biodiversity and Conservation (M.Sc. / P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy, Botany (Part-Time)
- Doctor in Philosophy, Botany (Full-Time)
- Doctor in Philosophy, Geography (Part-Time)
- Doctor in Philosophy, Geography (Full-Time)
- Doctor in Philosophy, Geology (Part-Time)
- Doctor in Philosophy, Geology (Full-Time)
- Doctor in Philosophy, Zoology (Part-Time)
- Doctor in Philosophy, Zoology (Full-Time)
- Master in Science, Botany (Part-Time)
- Master in Science, Botany (Full-Time)
- Master in Science, Geology (Part-Time)
- Master in Science, Geology (Full-Time)
- Master in Letters, Geography (Part-Time)
- Master in Letters, Geography (Full-Time)
- Master in Science, Geography (Part-Time)
- Master in Science, Geography (Full-Time)
- Master in Science, Zoology (Part-Time)
- Master in Science, Zoology (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Botany (Part-Time)
- Doctor in Philosophy, Botany (Full-Time)
- Doctor in Philosophy, Geography (Part-Time)
- Doctor in Philosophy, Geography (Full-Time)
- Doctor in Philosophy, Geology (Part-Time)
- Doctor in Philosophy, Geology (Full-Time)
- Doctor in Philosophy, Zoology (Part-Time)
- Doctor in Philosophy, Zoology (Full-Time)
- Master in Science, Botany (Part-Time)
- Master in Science, Botany (Full-Time)
- Master in Science, Geology (Part-Time)
- Master in Science, Geology (Full-Time)
- Master in Letters, Geography (Part-Time)
- Master in Letters, Geography (Full-Time)
- Master in Science, Geography (Part-Time)
- Master in Science, Geography (Full-Time)
- Master in Science, Zoology (Part-Time)
- Master in Science, Zoology (Full-Time)

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Stephen Waldren |
| Course Email | swaldren@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This programme has been designed to provide students with a sound theoretical and practical grounding in the science of biological diversity and its conservation. The programme is taught in modules, and these are grouped into theoretical components, practical research skills, and modules dealing with individual desk-based and experimental research projects. The course is taught through a variety of methods – lectures, practical classes, field-based learning, guided reading and discussion groups and web-based methods. A variety of assessment procedures are used – essay writing, oral presentations, web-based tests, examinations and dissertations. The approach is to develop, progressively, a high degree of independent thinking and academic excellence in students completing the course.

Following successful completion of the taught part of the course, students embark on a closely supervised research project of approximately three months duration, intended to expand the skills and knowledge base acquired in earlier modules.

This is a full-time, intensive programme that will run over a twelve-month period. All modules are compulsory for M.Sc. candidates while P.Grad.Dip. candidates are required to take all modules except the Research Project.

The programme provides in-depth training and experience for those looking to further their career in various aspects of biodiversity and its conservation, for students wishing to pursue further post-graduate research in this area, and for professionals already working in conservation biology wishing to obtain relevant qualifications.

Admission Requirements

Applicants should hold at least an upper second class honours degree in a science subject that includes significant components of botany, zoology or a relevant life science. Non-EU applicants will be required to hold an equivalent qualification. Candidates with relevant, and significant, experience as professional practitioners in biodiversity management or policy may be accepted with lower qualifications.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Development Practice (M.Sc. /P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Susan Murphy |
| Course Email | susan.p.murphy@tcd.ie |
| Course Tel | +353-1-896 3540 |
| Next Intake | September 2017 |
| Run Jointly with | UCD |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Master in Development Practice (MDP) is a world leading and uniquely innovative programme that blends science and social science to further international development. It is part of a global network with a Secretariat at the Earth Institute, Columbia University in New York (and was the only programme to receive seed funding in Europe in the first round). In the programme, students are exposed to leading edge scientific and social science techniques and researchers in order to develop international development solutions. The MDP is part of the only global educational network of its kind, involving 30 universities across all continents. In it, students receive leading edge transdisciplinary training in four “pillars”- health, natural, social, management sciences and mdpglobal.org.

The MDP is led by the Trinity College Dublin (TCD) School of Natural Science and University College Dublin (UCD) School of Politics and International Relations, and delivered by staff from all faculties across the universities, in collaboration with leading scientific researchers, and national and international organisations with specialist skills. The goal is to produce rounded development practitioners with a deep understanding of scientific methods and techniques to reduce global poverty, in addition to extensive on-the-ground training in developing country contexts, and in international organizations.

The MDP has five innovative elements that distinguish it from any other M.Sc. in Ireland. It is the first joint TCD UCD degree (joint degree and parchment). Synergies between the two institutions are vital to compete and deliver at world-class level. Secondly, this innovative course utilises a modular structure to develop student capabilities to understand theories, practices, and languages of different specialities. Students develop deep analytical and practical skills across four core pillars of the programme.

Specialist skills are formed across a range of areas including research design, methodology, and methods (with training in cutting edge scientific quantitative, qualitative, and digital tools and techniques, sustainable agriculture and hand use; Development economics; Health; Gender; Climate change and Climate justice; Science, technology and sustainable development; Impact measurement; Post-conflict situations; Governance and politics; Globalisation and African development; smart cities and sustainable urbanism.

Students also produce a dissertation drawing upon research conducted during fieldwork modules. These have attracted attention from policy-makers, such as the Minister of Education in Rwanda.

Thirdly, it combines a range of teaching and learning approaches both in the seminar room and in the field. Students engage in a minimum of sixteen class-room based modules and three work-based placements to gain hands-on practical experience during the programme. In year one, students undertake two placements. Firstly, students complete a research project with an Irish Based International Development Non-Governmental Organisation. Secondly, they spend up to three months completing cross-disciplinary fieldwork in a developing location. To date, students have undertaken fieldwork in Rwanda, Tanzania, Uganda, Sierra Leone, Senegal, Brazil, Malawi, India, USA, Vietnam and Madagascar.

In year two students undertake internships in leading international organisations. To date, students have taken placements with UN Women, WHO, FAO, OECD, World Bank, UNESCAP, and a multitude of other international organisations.

Fourthly, students have the opportunity to collaborate in a global community through their participation in the Global Classroom, a web-based capability, managed by the Earth Institute, to bring students and teachers from across world together to engage in collective classes and educational innovation.

Fifthly, students engage with leading experts, practitioners, and academics both in the classroom and in the field. The MDP is delivered jointly by TCD and UCD in collaboration with a number of key partners, including The Mary Robinson Climate Justice Foundation, and a wide number of national and international organisations with specialist skills in development practice. Students are jointly registered at TCD and UCD.

The course is jointly taught by University of Dublin Trinity College and University College Dublin academic staff, and a joint award at the Masters level, with an exit Postgraduate Diploma, is offered to successful graduands by both universities. Students have joint institutional registration on the course. The Admissions Committee strongly recommend early applications, especially from international students, as we are reviewing applications on a regular basis. We aim to turn around all completed applications within 20 days from date of submission (of all documents).

Environmental Sciences (M.Sc. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Quentin Crowley |
| Course Email | crowleyq@tcd.ie |
| Course Tel | +353-1-896 4203 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The taught M.Sc. degree in Environmental Sciences, as the first of its kind in Ireland, has an established pedigree, attracting students with diverse academic backgrounds from Ireland and abroad. This full-time, intensive course is intended for administrative and scientific workers and new graduates with an appropriate environmental science related background, although applications from graduates with different backgrounds are also welcomed. It comprises a series of taught modules encompassing a variety of current environmental themes, followed by a five-month, research project. There is also the possibility to opt for a diploma course in Environmental Sciences, consisting of the taught modules only.

The course provides students with a wide range of knowledge and skills relating to the expanding subject of Environmental Science. It aims to provide a firm scientific understanding of current environmental issues that will be of relevance to those interested in environmental management and related areas. The course provides a foundation of understanding of current environmental policies and legislation, and builds upon this with practical and theoretical courses that include subjects such as ocean and coastal management, water resources and pollution, climate change and environmental impact assessment. Theory and practice are closely linked to develop field, analytical, and presentation skills, including dedicated modules relating to data analysis and Geographic Information Systems. The course provides the opportunity to develop interests in particular areas of Environmental Science through tutorials, seminars and an extended desk study.

Following successful completion of the taught part of the course, students embark on a closely supervised research project intended to expand the skills and knowledge base acquired in earlier modules. Previous research projects have covered a diverse range of subjects including: groundwater contamination; atmospheric heavy metal deposition; environmental education; sewage processing systems; bio-indicators of marine pollution; and the impacts of erosion in African lakes, ocean chemistry and climate change: and radon in natural and work environment.

Previous graduates of this M.Sc. course have been employed by a range of agencies involved in environmental protection, as environmental consultants and in local government. Many graduates have gone on to do further research in a range of environmentally related disciplines. Graduates from the course have pursued their interests in environmental sciences throughout the world.

School of Physics

| | |
|-----------------------------------------------------------|--------------------------|
| Head of School | Professor James Lunney |
| Director of Teaching & Learning (Postgraduate) | Professor Louise Bradley |
| Telephone | + 353-1-896 1675 |
| Email | physics@tcd.ie |
| Web | www.tcd.ie/physics |

Research Programmes

The School of Physics, with 27 academic staff members, 50 postdoctoral researchers and over 100 postgraduate research students, is the largest school of physics in Ireland. The main research areas are Nanotechnology, Scientific Computing and Photonics with activities ranging from spin-electronics, to carbon nanotubes and semiconductor lasers. There are also research groups working on soft-condensed matter and astrophysics with a new section on bio-nano Physics, making the School an exciting and vibrant academic environment. Several staff members of the School have research programmes in CRANN, the Centre for Research on Adaptive Nanostructures and Nanodevices (www.crann.tcd.ie). This is a highly interdisciplinary centre jointly funded by Science Foundation Ireland, Trinity College Dublin and industry sponsors including Intel and HP. CRANN provides several new state of the art facilities required to explore the world of nanoscience. The Photonics group is linked with the CTVR, Centre for Telecommunications Value-Chain Research (www.ctvr.ie), which is working in close collaboration with Bell Labs Ireland in the development of modern telecommunications.

The international reputation of the School is based on several recent research achievements such as the discovery of magnetic order in graphite from meteors, breakthroughs in light amplification by fibres and waveguides and the synthesis and characterisation of novel diluted magnetic semiconductors. In addition, School of Physics researchers are leaders in the production of graphene and the investigation of static and dynamical properties of foams. Our researchers have also developed advanced computational methods for modelling quantum transport in atomic structures. In astrophysics, the School has a world-leading reputation in the study of solar and stellar activity, and has extensive collaborations with ESA and NASA. A recent achievement is the reconstruction of solar coronal mass ejections in 3D, hence improving our ability to predict their arrival times at Earth.

The School maintains an extensive network of international collaborations in Europe, USA and Japan. Student exchange and extended visiting periods abroad are not unusual during the duration of a Ph.D. degree, and contribute to widen the student knowledge and experience. In addition, the School of Physics generates many patents and five spin-off companies have been established from its research. The School has an annual research budget of €10 million and registers about 25 new postgraduate research students every year. Typically, for these students, the School, through research funding, provides financial support to cover living expenses and tuition fees. The School organises research training and educational programmes for all its postgraduate students. Graduate students are actively engaged in the life of the School and make an important contribution to its success. Regular seminar series, induction courses and technical training are among the various activities offered to the students. Typically a Ph.D. degree takes between three and four years, while a M.Sc. takes between one and two years.



Health Sciences

| | |
|---------------------------------------------------|-----|
| School of Dental Science | 118 |
| School of Medicine | 123 |
| School of Nursing and Midwifery | 141 |
| School of Pharmacy and Pharmaceutical Sciences | 153 |

School of Dental Science

| | |
|-----------------------------------------------------------|------------------------------|
| Head of School | Professor Brian O'Connell |
| Director of Teaching & Learning (Postgraduate) | Professor Michael O'Sullivan |
| Telephone | +353-1-612 7354 / 7316 |
| Email | info@dental.tcd.ie |
| Web | www.tcd.ie/dental |

The School of Dental Science comprises some 28 full-time and 60 part-time academic staff, 20 research students and 60 students following taught courses. Dental Science is based in, and is closely linked with, the Dublin Dental University Hospital (DDUH). The Hospital completed a programme of extensive refurbishment and expansion in 1998 with the addition of a state-of-the-art research laboratory in 2004.

The School recently expanded its research, postgraduate and office facilities. It has modern clinical facilities and a wide-ranging programme of dental education at postgraduate level, as well as an innovative programme of continuing education for dental practitioners. There are specialist training programmes in Oral Surgery, Orthodontics, Periodontics, Prosthodontics, Paediatric Dentistry and Special Care Dentistry, supported by consultant training programmes in many areas of dentistry, and research degrees at Masters and Ph.D. level. As part of the team approach, there are training programmes for dental hygienists, dental nurses and dental technicians, a Postgraduate Diploma course in Clinical Dentistry aimed at general dental practitioners, a Postgraduate Diploma in Conscious Sedation, a Postgraduate Diploma in Clinical Dental Technology and a Postgraduate Diploma in Special Care Dentistry as well as hands-on courses for dentists in the public service.

Research Programmes

There is an active research output in all divisions: Oral Biosciences; Oral and Maxillofacial Surgery, Oral Medicine and Oral Pathology; Public and Child Dental Health; Restorative Dentistry and Periodontology. In recent years, focus has been increasingly on infections associated with HIV and AIDS patients, on fungal diseases, salivary disorders, oral cancer and biofilms – sources of infection in dental water lines, and dental implants.

Staff have developed collaborative research projects with the Trinity Centre for Bioengineering (T.C.B.E.) and have initiated a very strong educational development and research base in collaboration with dental schools in European countries and the USA.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Clinical Dental Technology (P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy in Oral Biosciences (Part-Time)
- Doctor in Philosophy in Oral Biosciences (Full-Time)
- Doctor in Philosophy in Oral Surgery, Medicine and Pathology (Part-Time)
- Doctor in Philosophy in Oral Surgery, Medicine and Pathology (Full-Time)
- Doctor in Philosophy, Public And Child Dental Health (Part-Time)
- Doctor in Philosophy, Public And Child Dental Health (Full-Time)
- Doctor in Philosophy in Restorative Dentistry and Periodontology (Part-Time)
- Doctor in Philosophy in Restorative Dentistry and Periodontology (Full-Time)
- Master in Science, Dental Science (Part-Time)
- Master in Science, Dental Science (Full-Time)

September 2017 Entry

- Doctor in Philosophy in Oral Biosciences (Part-Time)
- Doctor in Philosophy in Oral Biosciences (Full-Time)
- Doctor in Philosophy in Oral Surgery, Medicine and Pathology (Part-Time)
- Doctor in Philosophy in Oral Surgery, Medicine and Pathology (Full-Time)
- Doctor in Philosophy, Public And Child Dental Health (Part-Time)
- Doctor in Philosophy, Public And Child Dental Health (Full-Time)
- Doctor in Philosophy in Restorative Dentistry and Periodontology (Part-Time)
- Doctor in Philosophy in Restorative Dentistry and Periodontology (Full-Time)
- Master in Science, Dental Science (Part-Time)
- Master in Science, Dental Science (Full-Time)

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 18 months part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Brendan Grufferty |
| Course Administrator | Ms Catherine Creagh |
| Course Email | catherine.creagh@dental.tcd.ie |
| Course Tel | 01-612 7354 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Postgraduate Diploma course is held over an eighteen-month period. The course provides a wide background of focused education and training in clinical dental technology techniques to enable the Clinical Dental Technician to work clinically to the highest national and international standards both safely and independently. A comprehensive education in the theoretical and clinical principles of treatment of edentulous and partially dentate patients is provided. The course leads to the award of Postgraduate Diploma in Clinical Dental Technology (P. Grad. Dip. in Clinical Dental Technology)

Admission Requirements

Applicants must possess a dental technology degree or equivalent qualification. Entry to training in Clinical Dental Technology would normally follow a minimum of a three year period of general professional training. Applicants must have evidence of satisfactory protection against Hepatitis B. New regulations may require testing for Hepatitis C for new entrants to the HSE in the future. Applicants will also be required to undergo Garda (Police) vetting. Applicants will also need to include an additional 300-word statement indicating why they wish to undertake the course. For applicants whose first language is not English, the required proficiency for admission to this course is an IELTS (academic version) score of 7, with no individual band below 7.

All applicants must upload a separate statement (no more than 300 words in length) stating why they wish to undertake the Diploma.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Clinical Dentistry (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | agnes.hagan@dental.tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course is designed to fill the need, identified by the Dental Council, for a continuing education programme for the Dental Profession. The course aims to combine a 'hands-on' approach with theory. Students have a choice of nine modules, of which they must successfully complete six in order to obtain their Postgraduate Diploma. Students have to provide their own nursing care (where 1:1 assistance is required) and patients on some modules.

The course aims to give insight into the theory and scientific rationale of various aspects of dental practice, develop clinical ability in the relevant areas, and develop confidence in the use of new skills.

The modules offered are: adhesive dentistry, removable prosthodontics, fixed prosthodontics, periodontal therapy, endodontics, oral medicine, orthodontics, dento-alveolar surgery and paediatric dentistry. In addition a core course covering cross-control of infection, medical emergencies in dental practice, ethics, malpractice and risk management and other issues will be taken by all participants. The course is assessed by a combination of objective structured clinical examinations, completion of clinical competency and continuous assessment.

Admission Requirements

Registration with the Dental Council of Ireland and also current personal professional indemnity insurance.

For applicants whose first language is not English, the required proficiency for admission to this course is an IELTS (academic version) score of 7, with no individual band below 7.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Conscious Sedation in Dentistry (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 18 months part time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Directors | Prof Leo Stassen and Dr Mary Clarke |
| Course Coordinator | Ms Catherine Creagh |
| Course Email | catherine.creagh@dental.tcd.ie |
| Course Tel | +353-1-6127354 |
| Next Intake | July 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Postgraduate Diploma course is held over an eighteen-month period. The Course is aimed at primary care dental practitioners providing support for those patients with dental anxiety and undertaking dentistry in a safe, effective and anxiety free manner. It also aims to provide a recognised education and training programme that will equip dentists with the knowledge, skills and experience to safely and independently use conscious sedation techniques in their own clinics. The course leads to the award of Postgraduate Diploma in Conscious Sedation in Dentistry.

Admission Requirements

Applicants must possess a dental degree, which enables registration with the Dental Council in Ireland. Entry to training in conscious sedation in dentistry would normally follow a two-year period of general professional training post graduation that a student would already have undergone. Applicants must have evidence of satisfactory seroconversion for protection against Hepatitis B and Hepatitis C. Applicants will be requested to undergo Garda (Police) Vetting.

For applicants must upload a separate statement (no more than 300 words in length) stating why they wish to undertake the Diploma

For applicants whose first language is not English, the required proficiency for admission to this course is an IELTS (academic version) score of 7, with no individual band below 7.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Dental Surgery (D.Ch.Dent.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 3 years full time, 5 years part time |
| Course Email | catherine.creagh@dental.tcd.ie |
| Course Tel | +353-1-6127354 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

There are six individual strands, five of which are currently available to applicants:

- Special Care Dentistry
- Periodontics
- Prosthodontics
- Oral Surgery
- Paediatric Dentistry

Special Care Dentistry – Course Director Dr Alison Dougall

The professional doctorate in Special Care Dentistry runs over three years, full time. It is possible for the course to be offered part-time, over five years. In their first year, in addition to modules in the Dublin Dental University Hospital, students follow selected modules as part of the MSc in Rehabilitation and Disability Studies, in the School of Psychology in University College Dublin. Clinical rotations take place in the Dublin Dental University Hospital and partner hospitals in Dublin. The teaching and learning will be apportioned broadly as follows: 60% clinical, 40% didactic. The didactic component will include a research dissertation. The total ECTS to be applied to this course is 270 credits of which 90 will be attributed to the research dissertation.

Periodontics – Course Director Prof Ioannis Polyzois

This course in Periodontology focuses on the management of periodontal conditions and the planning and execution of oral Implant therapy. The course includes didactic and clinical components and provides the basis for continuing professional development after completion of the programme. Students will be instructed in clinical periodontics and Implant Dentistry with emphasis on the scientific basis for treatment. The course has been developed with the intent that it should be recognised for speciality training by the Dental Council of Ireland under the auspices of the relevant advisory committee of the Irish Committee for Specialist Training in Dentistry. Students will undertake a research project leading to a thesis. The course leads to the award of Doctorate in Dental Surgery (D.Ch.Dent). Publication of clinical and research work is encouraged.

Prosthodontics – Course Director Dr Michael O'Sullivan

This programme prepares the student for the clinical practice of prosthodontics at specialist level and provides the basis for continuing professional development after completion of the programme. Students will thoroughly explore the prosthodontic literature and become competent in the clinical/laboratory aspects of fixed and removable prosthodontics, including dental implantology. Students will learn how to diagnose, plan and execute high quality prosthodontic treatment for a range of patients. They will have the opportunity to use state-of-the-art materials and equipment, including

CAD-CAM restorations, computer-aided implant placement and fully adjustable articulators. The course explores the use of high strength ceramics and high-aesthetic situations. The Prosthodontic programme works closely with periodontics, especially in treatment planning for implant patients. In addition, students attend multidisciplinary clinics for the treatment of dental trauma, developmental disorders (including hypodontia) and cancer surgery defects.

Oral Surgery – Course Director Prof Leo Stassen

MFD or equivalent is a requirement for entry on this course. Experience in a hospital setting and in oral surgery is advisable. Publications in peer review journals are an advantage. The emphasis will be placed on the practical aspects of Oral Surgery (dentoalveolar surgery, implants, intra-oral soft tissue surgery and bone grafting). There are strong links with oral medicine, oral pathology and other dental specialties, especially periodontology, prosthodontics and special needs. There is a very strong component of Conscious Dental Sedation and students undertake the ACLS Course. Oral Surgery is a recognised Dental Speciality in Ireland. There are strict criteria for entry on the Oral Surgery Specialist Register in Ireland and advice on this is available on the Dental Council website.

Paediatric Dentistry – Course Director Dr. Anne O'Connell

The Paediatric Dentistry Training Programme prepares the student both didactically and clinically to manage the child patient (0–16 years) at specialist level in a variety of settings (clinic, hospital, private practice). Clinical experience is provided under consultant supervision in the Dublin Dental University Hospital and in two Paediatric Hospitals. The volume and variety of patients includes healthy children, children with traumatic injuries, children with challenging behaviour, medically compromised children, children with dental anomalies/ syndromes etc. Treatment is provided under local anaesthesia, relative analgesia or general anaesthesia. Interdisciplinary care is co-ordinated with the other specialty programmes. The programme has six modules. In addition, the student is required to complete one or more research projects and present at international meetings. Publication of clinical and research work is encouraged.

Admission Requirements

Applicants will be considered only if they have held a primary dental qualification for at least two years. The MFD/MJDF or equivalent is desirable, and mandatory for some courses. Normally, up to 12 months should have been spent working in hospital practice. Good communication skills in English are essential. Minimum requirements are an IELTS score of 7 or TOEFL score of 230 computer based, 570 paper based, 88 internet based across all domains.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Special Care Dentistry (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 18 months part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Caoimhin Mac Giolla Phadraig |
| Course Email | macgiolla@dental.tcd.ie |
| Course Tel | +353-1-6127354 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Postgraduate Diploma course provides training in clinical special care dentistry to enable dentists to deliver primary care both safely and independently to this patient group. In addition, it aims to deliver a comprehensive education in the theoretical principles of special care dentistry and develop an ability to critically analyze professional literature. The course leads to the award of Postgraduate Diploma in Special Care Dentistry (P.Grad.Dip. in Special Care Dentistry).

The curriculum is designed to enable postgraduate students, including dental practitioners who work in general dental practice as well as community and hospital dental services, to achieve the intended learning outcomes of the course. The course consists of seven core (compulsory) modules as follows: Biological Sciences of Relevance to Special Care Dentistry; Concepts of Health, Impairment, Functioning and Disability; Concepts of Oral Health, Impairment and Disability; Clinical Special Care Dentistry; Oral Healthcare Planning and Oral Health Promotion for Individuals and Groups; Professional Literature Appraisal; Legislation, Ethics and Clinical Governance.

In addition to the course of study and examinations, students must present an essay-based project on barriers to care, and a related presentation, a dissertation, clinical competencies and case presentations as well as submitting a project on service delivery models. Students must also submit a portfolio including a reflective logbook of all cases seen as part of the course as well as selected cases from their own independent practice demonstrating application of knowledge and practical skills obtained through this course. Satisfactory attendance at all aspects of the course is compulsory. A Professional Postgraduate Diploma in Special Care Dentistry is awarded on passing all components of the course. The Diploma will be unclassified but a Distinction will be awarded if a combined mark of at least 70% is obtained across all modules.

Admission Requirements

Practitioners must hold a Bachelors Degree in Dental Science or its equivalent of at least two years and be eligible to register with the Dental Council of Ireland. Students have a responsibility to have valid Basic Life Support (BLS) certification from a certified body for the duration of the course. Furthermore, students must possess their own professional indemnity insurance and present evidence of satisfactory seroconversion against Hepatitis B virus and a recent negative hepatitis C antibody test. Applicants will also be required to undergo Garda (Police) vetting.

The course leads to the award of Postgraduate Diploma in Special Care Dentistry (P.Grad.Dip. in Special Care Dentistry). The curriculum is designed to enable postgraduate students, including dental practitioners who work in general dental practice as well as community and hospital dental services, to achieve the intended learning outcomes of the course. The course consists of seven core (compulsory) modules as follows: Biological Sciences of Relevance to Special Care Dentistry; Concepts of Health, Impairment, Functioning and Disability; Concepts of Oral Health, Impairment and Disability; Clinical Special Care Dentistry; Oral Healthcare Planning and Oral Health Promotion for Individuals and Groups; Professional Literature Appraisal; Legislation, Ethics and Clinical Governance. In addition to the course of study and examinations, students must present an essay-based project on barriers to care, and a related presentation, a dissertation, clinical competencies and case presentations as well as submitting a project on service delivery models. Students must also submit a portfolio including a reflective logbook of all cases seen as part of the course as well as selected cases from their own independent practice demonstrating application of knowledge and practical skills obtained through this course. Satisfactory attendance at all aspects of the course is compulsory. A Professional Postgraduate Diploma in Special Care Dentistry is awarded on passing all components of the course. The Diploma will be unclassified but a Distinction will be awarded if a combined mark of at least 70% is obtained across all modules.

Admission Requirements

Practitioners must hold a Bachelors Degree in Dental Science or its equivalent of at least two years and be eligible to register with the Dental Council of Ireland. Students have a responsibility to have valid Basic Life Support (BLS) certification from a certified body for the duration of the course. Furthermore, students must possess their own professional indemnity insurance and present evidence of satisfactory seroconversion against Hepatitis B virus and a recent negative hepatitis C antibody test. Applicants will also be required to undergo Garda (Police) vetting. All applicants must upload a separate statement (no more than 300 words in length) stating why they wish to undertake the Diploma. Any queries regarding the above course may be directed to Catherine Creagh, Dublin Dental University – Hospital +353-1-612 7354 or catherine.creagh@dental.tcd.ie.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Medicine

| | |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Head of School (Interim) | Professor Paul Browne |
| Director of Teaching & Learning (Postgraduate) | Professor Stephen Smith |
| Telephone | +353-1-896 3557 / 3556 |
| Web | www.medicine.tcd.ie/education/postgraduate |

The School of Medicine is responsible for the education and training of individuals who will play a major role in health care, including doctors, occupational therapists, physiotherapists and radiation therapists. There are numerous opportunities for study at postgraduate level through the Research and Postgraduate School within Health Sciences.

The School of Medicine maintains its international leadership today in biomedical research and postgraduate education and was the first Faculty of Health Sciences in these islands. This interdisciplinary approach offers the potential to educate and train the full range of health care personnel in an integrated Faculty.

The Haughton Institute for Postgraduate Education and Training in the Health Sciences was launched in 1998, in order to support postgraduate education and research between the Faculty of Health Sciences and its teaching hospitals. This is an independent corporate body wholly owned by its three members – Trinity College, St. James's Hospital and the Adelaide and Meath Hospital Dublin incorporating the National Children's Hospital at Tallaght. The institute works closely with the Health Sciences Research and Postgraduate School. The Health Sciences School of Research and Postgraduate Studies supports and coordinates research and graduate activity in the Faculty of Health Sciences including research centres, postgraduate taught programmes at postgraduate diploma and M.Sc. level, higher degrees by research and centres for interdisciplinary programmes.

Research Programmes

The Graduate School continues to expand the number and range of its graduate courses. The School of Medicine is actively expanding its research activity at St. James's and Tallaght, including the establishment of the Institute for Molecular Medicine to include the John Durkan Institute for Leukaemia Research, the Dublin Molecular Medicine Centre, and the Institute of Cardiovascular Science. Its objectives include harnessing the resources available to its members to facilitate the creation of vibrant and international activity in areas such as Postgraduate Education and Training, Management and Funding of Research and Service Development and Consultancy.

Any surplus income from these activities will endow work consistent with the Institute's objectives in the College and Teaching Hospitals. The Institute will enable its members to be more effective in achieving excellence and provides the services necessary to facilitate, support and encourage staff in College and the Teaching Hospitals to achieve the objectives they share. These include: Education & Training; Management and Funding of research; service Development and consultancy; and teaching facilities

School Administration

- Old Stone Building, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8
- Research and Postgraduate School Administrator: Ms Dara O'Mahony
- **Telephone** +353-1-896 3557 **Email** omahoned@tcd.ie
- Research and Postgraduate Executive Officer: Ms Teresa Fox
- **Telephone** +353-1-896 3556 **Email** gradapps@tcd.ie

March / September 2017 Entry

- Doctor in Medicine, Clinical Medicine
- Doctor in Medicine, Clinical Medicine
- Doctor in Philosophy, Anatomy (Part-Time)
- Doctor in Philosophy, Anatomy (Full-Time)
- Doctor in Philosophy, Clinical Microbiology (Part-Time)
- Doctor in Philosophy, Clinical Microbiology (Full-Time)
- Doctor in Philosophy, Clinical Medicine (Part-Time)
- Doctor in Philosophy, Clinical Medicine (Full-Time)
- Doctor in Philosophy, Haematology (Part-Time)
- Doctor in Philosophy, Haematology (Full-Time)
- Doctor in Philosophy, Histopathology and Morbid Anatomy (Part-Time)
- Doctor in Philosophy, Histopathology and Morbid Anatomy (Full-Time)
- Doctor in Philosophy, Health Policy and Management (Part-Time)
- Doctor in Philosophy, Health Policy and Management (Full-Time)
- Doctor in Philosophy, Medical Gerontology (Part-Time)
- Doctor in Philosophy, Medical Gerontology (Full-Time)
- Doctor in Philosophy, Immunology (Part-Time)
- Doctor in Philosophy, Immunology (Full-Time)
- Doctor in Philosophy, Obstetrics and Gynaecology (Part-Time)
- Doctor in Philosophy, Obstetrics and Gynaecology (Full-Time)
- Doctor in Philosophy, Occupational Therapy (Part-Time)
- Doctor in Philosophy, Occupational Therapy (Full-Time)
- Doctor in Philosophy, Paediatrics (Part-Time)
- Doctor in Philosophy, Paediatrics (Full-Time)
- Doctor in Philosophy, Physiology (Part-Time)
- Doctor in Philosophy, Physiology (Full-Time)
- Doctor in Philosophy, Pharmacology and Therapeutics (Part-Time)
- Doctor in Philosophy, Pharmacology and Therapeutics (Full-Time)
- Doctor in Philosophy, Psychiatry (Part-Time)
- Doctor in Philosophy, Psychiatry (Full-Time)
- Doctor in Philosophy, Physiotherapy (Part-Time)
- Doctor in Philosophy, Physiotherapy (Full-Time)
- Doctor in Philosophy, Public Health and Primary Care (Part-Time)
- Doctor in Philosophy, Public Health and Primary Care (Full-Time)
- Doctor in Philosophy, Radiation Therapy (Part-Time)
- Doctor in Philosophy, Radiation Therapy (Full-Time)
- Doctor in Philosophy, Surgery (Part-Time)
- Doctor in Philosophy, Surgery (Full-Time)
- Doctor in Philosophy, Molecular Medicine (Full-Time)
- Doctor in Philosophy, Molecular Medicine (Full-Time)
- Master in Science, Anatomy (Part-Time)
- Master in Science, Anatomy (Full-Time)
- Master in Science, Clinical Microbiology (Part-Time)
- Master in Science, Clinical Microbiology (Full-Time)
- Master in Science, Clinical Medicine (Part-Time)
- Master in Science, Clinical Medicine (Full-Time)
- Master in Science, Haematology (Part-Time)
- Master in Science, Haematology (Full-Time)
- Master in Science, Histopathology and Morbid Anatomy (Part-Time)
- Master in Science, Histopathology and Morbid Anatomy (Full-Time)
- Master in Science, Health Policy and Management (Part-Time)
- Master in Science, Health Policy and Management (Full-Time)
- Master in Science, Medical Gerontology (Part-Time)
- Master in Science, Medical Gerontology (Full-Time)
- Master in Science, Immunology (Part-Time)
- Master in Science, Immunology (Full-Time)
- Master in Science, Obstetrics and Gynaecology (Part-Time)
- Master in Science, Obstetrics and Gynaecology (Full-Time)
- Master in Science, Occupational Therapy (Part-Time)
- Master in Science, Occupational Therapy (Full-Time)
- Master in Science, Paediatrics (Part-Time)
- Master in Science, Paediatrics (Full-Time)
- Master in Science, Physiology (Part-Time)
- Master in Science, Physiology (Full-Time)
- Master in Science, Pharmacology and Therapeutics (Part-Time)
- Master in Science, Pharmacology and Therapeutics (Full-Time)
- Master in Science, Psychiatry (Part-Time)
- Master in Science, Psychiatry (Full-Time)
- Master in Science, Physiotherapy (Part-Time)
- Master in Science, Physiotherapy (Full-Time)
- Master in Science, Public Health and Primary Care (Part-Time)
- Master in Science, Public Health and Primary Care (Full-Time)
- Master in Science, Radiation Therapy (Part-Time)
- Master in Science, Radiation Therapy (Full-Time)
- Neuroscience
- Obstetrics (M.A.O.)
- Surgery (M.Ch.)

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Advanced Radiation Therapy Practice – Clinical Practice (Online P.Grad. Certificate/ P.Grad. Diploma)

| | |
|----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part time |
| Course Coordinators | Ms Michelle Leech and Ms Laura Mullaney |
| Course Email | pgradrt@tcd.ie |
| Course Tel | +353-1-896 3234 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This online education programme aims to develop students' knowledge and skills in the advanced radiation therapy management of cancer patients and to enable students to critically evaluate and participate in research in this area. It is aimed at Radiotherapy professionals that:

- Are seeking to expand their career into Advanced Clinical Practice, Management or/and Research.
- Wish to work in an extended role in their department.
- Are returning to employment and may wish to update their knowledge on current evidence based practice.

The postgraduate certificate consists of 3 online modules completed over months:

- Imaging for advanced radiotherapy practice (10ECTs)
- Delineation for radiotherapy planning (10 ECTs)
- Advances in radiation therapy (10ECTs)

The postgraduate diploma consists of 6 online modules completed over 12 months:

- Imaging for advanced radiotherapy practice (10ECTs)
- Delineation for radiotherapy planning (10 ECTs)
- Advances in radiation therapy (10ECTs)
- Research Methods (10ECTs)
- Health Services Management (10ECTs)
- Radiobiological principles and practice (10ECTs)

The M.Sc consists of 6 taught modules and the completion of a Research Dissertation module (30 ECTs). The entry route to the M.Sc involves completion of the P.Grad. Diploma followed by a transfer onto a top-up M.Sc year.

Admission Requirements

Applications will be accepted from those who:

- Hold an honours primary degree in Radiation Therapy, Medical Physics, Medicine or a related discipline; or otherwise satisfy the selection panel that they have the ability to complete and benefit from the course.
- Evidence of relevant professional experience.
- Be working in an area of radiation therapy for the duration of the course with access to radiation therapy planning software.
- Have a fluent command of the English language. Students whose first language is not English must meet the University's English Language requirements.

Advanced Radiation Therapy Practice – Clinical Practice (Online Masters)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part time |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Advanced Radiation Therapy Practice – Treatment Planning (Online Masters)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part time |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Advanced Radiotherapy Practice (M.Sc. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Michelle Leech |
| Course Coordinator | Laura Mullaney |
| Course Email | laura.mullaney@tcd.ie |
| Course Tel | +353-1-896 3254 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The aim of this course is to enable students to build on their current skills set, through teaching and their own research, in order to work at an advanced level within the radiotherapy department and/or the radiotherapy treatment planning area. The course will develop students' knowledge and skills in the advanced radiation therapy management of cancer patients and to enable students to critically evaluate and participate in research in this area.

The M.Sc. uses a range of authentic assessments which give students the opportunity to produce assessed work which is highly relevant to the clinical environment and which develops independent life-long learning skills. This M.Sc. course has two separate strands: Advanced Radiotherapy Practice and Radiation Therapy Treatment Planning.

Strand 1: Advanced Radiotherapy Practice. This course aims to develop students' knowledge and skills in the advanced radiotherapy management of cancer patients and to enable students to critically evaluate and participate in research in this area. The course will provide knowledge of advanced clinical practice for radiation therapists, develop the role of the radiation therapist and provide skills required to further research into cancer management in the radiotherapy department. On completion of this strand, students will be able to demonstrate:

- The ability to use evidence-based medicine to underpin their radiation therapy practice
- Proficiency in undertaking research in the field of radiation therapy
- An understanding of management processes and their application in oncology
- An understanding of the biological consequences of ionising radiation exposure and its potential in cancer treatment
- Familiarity with radiological anatomy and the acquisition of optimal imaging for radiotherapy.
- Understand the principles of contouring and become proficient in contouring for prostate radiotherapy.

Strand 2: Radiation Therapy Treatment Planning. This course develops students' skills in the area of radiotherapy treatment planning. All components of treatment planning are taught from 3D Conformal Radiotherapy to IMRT treatment planning and treatment planning for specialist techniques such as stereotactic radiotherapy and brachytherapy. On completion of this strand, students will be able to:

- Prepare 3D and IMRT treatment plans
- Analyse and discuss treatment plans for specialist techniques
- Undertaking research in the field of radiation therapy treatment planning
- Identify radiological anatomy and discuss optimal imaging for radiotherapy, from diagnosis to on-treatment verification.
- Understand the principles of contouring and become proficient in contouring for prostate radiotherapy.

For both strands, Year 1 consists of six taught modules (60 ECTS). Students who progress to Year 2 will undertake a research dissertation (30 ECTS). Students who pass the taught component and have completed 60 ECTS may exit with a postgraduate diploma if they do not wish to proceed to the dissertation in Year 2.

Admission Requirements

Applications will be accepted from those who: Hold a primary honours degree (minimum grade 2.1) in Radiation Therapy or Medical Physics or hold an equivalent qualification; Have confirmed access to a treatment planning department. Candidates cannot be accepted onto the programme unless they have access organised at the time of application; Prospective candidates may be interviewed; otherwise satisfy the course admission committee that they have the ability to complete and benefit from the course.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Biological Psychiatry (M.Sc. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Celia O'Hare, Clinical Lecturer |
| Course Coordinator | Dr Thekiso B. Thekiso, Clinical Lecturer |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This multidisciplinary Masters course in Biological Psychiatry explores the relationship between basic principles, biological factors and clinical features in mental health disorders, allowing students to translate scientific understanding into effective clinical practice. It is aimed primarily at graduates with a background in psychiatry (or related health care disciplines), psychology, biological or social sciences, who wish to develop their research skills and broaden their research interests. The course will aid in equipping participants with the skills to progress into a career in psychiatry and psychiatric research or to embark on a doctoral programme.

The following six modules (10 ECTS each) are mandatory, and make up the taught component of the course (60 ECTS): Statistics and Research Methodology; Clinical Neuropsychology and Cognitive Genomics; Neuroimaging and Biomarkers; Molecular Neuroscience; Neuropsychiatric Genetics; Molecular Psychiatry. In addition, in their second year students will be required to submit a dissertation (30 ECTS) based on an empirical research project conducted in one of the many research groups located within the Dept of Psychiatry (www.medicine.tcd.ie/psychiatry/postgraduate/biological-psychiatry/).

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Biomedical Sciences – Intercalated (M.Sc. / P.Grad.Dip.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Course Coordinator | Dr Henry Windle |
| Course Email | gradapps.hs@tcd.ie , hjwindle@tcd.ie , vilap@tcd.ie |
| Course Tel | +353-1-896 2211/4924 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Students enter via the M.Sc. register. Students will take a core module in Clinical Research based in the Clinical Research Facility, St James's Hospital and concurrently follow one of six specialist tracks, which will be provided by the actual modules as offered by the currently running three Masters courses (i) the masters course in molecular medicine, (ii) the masters course in neuroscience, (iii)

the masters course in bioengineering (iv) the masters course in immunology (v) the masters course in translational oncology or (vi) the masters course in healthcare infection management. Students will then conduct a three month research project and will submit a dissertation based on this project. Applicants will be notified when the course application is open.

Admission Requirements

Admission to this course is restricted to undergraduate students on year 3 (and occasionally year 4) in the School of Medicine in Trinity College Dublin. At this point, students will have qualified for a B.A. which is normally awarded when the students are conferred with their final M.B. The intercalated Masters will also be conferred at this point. The course is coordinated through the Department of Clinical Medicine, TCD, St James Hospital Dublin. For detailed entry requirements please email vlap@tcd.ie. When completing the TCD online Application please ensure referees are TCD academics. Please note that an incomplete application cannot be processed.

Cardiology (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Prof Anthony Ryan |
| Course Email | gradapps.hs@tcd.ie |
| Course Tel | +353-1-896 3556 |
| Next Intake | October 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course is two years and is designed to provide a high level of postgraduate training for doctors wishing to become trained in non-invasive and invasive cardiology. Applicants will have a M.R.C.P.I. or equivalent qualification.

The course aims to provide the theoretical knowledge, technical skills and research skills necessary to run a comprehensive cardiac service. It consists of lectures, clinically supervised practical procedures in the management of the cardiac patient, and a research project or dissertation. The course is assessed by examination, continual assessment and assessment of the research project or dissertation.

How to Apply

Applications are made online at: www.tcd.ie/courses/postgraduate/az

Cardiovascular Rehabilitation and Prevention (M.Sc./P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | gradapps.hs@tcd.ie |
| Course Tel | +353-1-896 3556 / 3557 / 2121 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course aims to provide health professionals with an understanding of cardiovascular rehabilitation and prevention, to prepare health professionals to provide an effective cardiac rehabilitation service, and to objectively evaluate their practice through research. It also aims to develop the health professionals' knowledge of current prevention strategies in the area of cardiovascular disease. The student will gain research experience and undertake a research dissertation.

The course will comprise the following modules: Cardiovascular and Respiratory Physiology, Exercise Prescription, Clinical Exercise Prescription, Research Methods and Statistics, Cardiology, Preventive Cardiology and Rehabilitation, Health Policy and Management, Research Dissertation.

Admission Requirements

Applications will normally be considered from:

- Chartered physiotherapists or equivalent professional qualifications with relevant professional experience
- Nurses eligible for registration with Bord Altranais and professional experience
- Physicians with relevant professional experience

Clinical Chemistry (M.Sc./P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | gradapps.hs@tcd.ie |
| Course Tel | + 353-1-896 3556 / 3557 / 3721 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This MSc programme in Clinical Chemistry is offered on a part-time basis over two years. Candidates who are employed as medical scientists, clinical biochemists or medical doctors and who wish to develop a special interest in Clinical Biochemistry are particularly invited to apply. All students regardless of background will gain a comprehensive understanding of the principles of Clinical Biochemistry to an advanced level, including clinical and research aspects and with special attention to current developments in the discipline.

A comprehensive lecture programme will be delivered on Fridays over four terms. This will consist of five Modules (Clinical Chemistry, Clinical Chemistry and General Paediatric Biochemistry, Endocrinology and Metabolism, Endocrinology, Metabolism and Inborn Errors of Metabolism and Quality Assurance and Laboratory Management). There will be a revision sessions prior to examinations. Each module will include Techniques Workshops: these will focus on developing practical skills through demonstrations and assignments in the candidates' base laboratory. A series of Clinical Laboratory Interface Workshops will foster clinical reasoning and data presentation skills. A research dissertation conducted in the candidates' base laboratory will also form part of the course. Instruction on research methods will be included.

The course is assessed by means of course work, an examination at the end of each year consisting of a written paper and a practical assessment consisting of a series of short cases and laboratory data; and, a viva voce at the end of the final year. The writing of a dissertation based on a research project is also a requirement for the MSc.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Clinical Exercise (Online Certificate)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part time |
| Course Director | Dr John Gormley |
| Course Email | clinicalexercise@tcd.ie |
| Course Tel | +353-1-896 2128 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The aim of this course is to enable health care clinicians to prescribe exercise as a disease preventative and treatment modality in a safe, effective and scientific manner. This course will provide students with an evidence-based, clinically focussed online learning experience. The course will be structured, yet flexible in order to be accessible and relevant globally.

Course Structure

The Postgraduate Certificate in Clinical Exercise is offered as a one-year online course with students taking four core modules totalling 30 ECTS as follows:

Cognitive Psychotherapy (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Co-ordinator | Mr Craig Chigwedere |
| Course Administrator | Ms Majella Moloney |
| Course Email | cbtmsc@tcd.ie |
| Course Tel | +353-1-249 3561 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Cognitive therapy is a collaborative, structured approach to helping individuals with psychological difficulties. Prospective candidates pursue a two-year part-time Master of Science course in Cognitive Therapy. Emphasis will be on helping participants gain a high level of clinical competence in utilising this approach in hospital-based and community-based health care settings to a level that they will be able to apply for accreditation with appropriate accrediting bodies including the Proposed Registration Board for Psychological Therapists in Ireland. The course offers post-qualification training in the theory and practice of cognitive psychotherapy, as applied in a variety of mental health settings. Competence is developed through a combination of clinical supervision| lectures, workshops and written assignments. Assessment is based on the submission of case studies and theoretical reviews, oral presentations and standardised rating of therapy sessions. Students will complete a research project that is submitted as a dissertation in the Hilary term of the second year.

Admission Requirements

This course is offered as a specialised post-qualification course that builds on relevant knowledge and skills already possessed by prospective candidates. Suitable candidates for the course will:

- Have achieved a recognised third level qualification in a health profession (e.g. psychology, nursing, social work, medicine) and
- Hold a postgraduate diploma in a cognitive or behavioural psychotherapy or an equivalent training qualification in a cognitive or behavioural psychotherapy and
- Have in addition conducted a further 40 hours of supervised cognitive or behavioural psychotherapy since completion of their diploma course or equivalent qualification.

Non EU applicants will be expected to hold equivalent qualifications The Master of Science curriculum emphasizes a deeper knowledge of cognitive behavioural models, concepts and methods; competence in developing cognitive case formulations; devising and implementing individual treatment programmes for a range of emotional disorders, and evaluating their effects; understanding the links between cognitive therapy and developmental and cognitive psychology; ethical issues in practising psychotherapy.

Modules

- The cardiovascular and respiratory system (10 ECTS)
- Physical activity and exercise (5 ECTS)
- Exercise in the prevention and treatment of disease (10 ECTS)
- Exercise prescription for clinical populations (5 ECTS)

Assessment

Students will be assessed through the timely submission of essays, case scenarios, reflections and through the completion of multiple choice quizzes. Marks will also be awarded for substantial relevant contributions to discussion boards and for engagement with online learning resources. The final mark awarded is based on a credit-weighted average of the mark awarded in each module. The final mark for each module will be the weighted average mark derived from a combination of all the assessment elements. Students must observe all published deadline dates, which are final and have the status of examination dates. The pass mark is 50%. Compensation between modules is not allowed. Students who fail to achieve a minimum of 50% in a written assessment element may resubmit with a deadline for resubmission of one month from the publication of the initial results. Only one resubmission will be allowed, and the maximum mark awarded for the resubmitted assignment is 50%.

A student who fails the overall module but who has not taken the opportunity to resubmit any failed elements will have one opportunity to resubmit failed written elements before the supplemental examination board.

Students who have successfully passed all the required modules and accumulated 30 ECTS will be considered for a Postgraduate Certificate in Clinical Exercise. Students who have achieved an overall credit-weighted average mark of at least 70% will be eligible for consideration for the award of Distinction in Postgraduate Certificate in Clinical Exercise. A distinction cannot be awarded if a candidate has failed any credit during the period of study.

Admission Requirements

The programme will be open to graduates from medicine, nursing, dietetics and nutrition, medicine, physiotherapy, occupational therapy and physiology. Graduates from other degree courses will be assessed on an individual basis. Those with clinical experience will be prioritised. Successful applicants will hold a level 8 degree or equivalent professional degree at 2.1 level or equivalent. Applicants who do not fit these criteria, but who have clinical experience will be assessed on an individual basis by the Dean of Graduate Studies.

The development of critical appraisal of research in this area and conducting a research project further deepen students' knowledge of the field. Students are supervised treating a minimum of 15 cases. Formal teaching takes place one full day per week (Friday) during the full academic year. In addition students will be assigned to a part-time clinical placement within a psychotherapy service for a full calendar year (January - December). Assessment is based on evaluation of the student's clinical performance using the Cognitive Therapy Scale-Revised (CTS-R) and six written assignments. Students will submit a research dissertation (circa 15,000 words) at the end of Hilary Term in their second year. Students who satisfy all the requirements of the Master of Science course will be awarded the Master of Science in Cognitive Psychotherapy.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Cognitive Psychotherapy (P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Co-ordinator | Dr Brian Fitzmaurice |
| Course Email | gradapps.hs@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Cognitive therapy is a collaborative, structured approach to helping individuals with psychological difficulties. It views key beliefs and assumptions which an individual holds as being pivotal to maintaining their distress and rendering them vulnerable to recurring difficulties. The course offers post-qualification training in the theory and practice of cognitive psychotherapy, as applied in a variety of mental health settings. Competence is developed through a combination of weekly clinical supervision, lectures, workshops and written assignments. Assessment is based on the submission of case studies and theoretical reviews, oral presentations and standardised rating of therapy sessions. Prospective candidates may pursue the option of a one year part-time (every Friday over three terms) postgraduate diploma course in cognitive therapy. Emphasis will be on helping participants gain clinical competence in utilising this approach in hospital-based and community-based health care settings.

The course substantially contributes to academic and theoretical requirements for accreditation as a cognitive therapist and provides the opportunity to engage in introductory supervised clinical casework. Students would be required to complete further supervised clinical work to meet the clinical requirements for accreditation. For further information on accreditation as a cognitive therapist we recommend prospective students consult the BABCP website: www.babcp.com

The diploma course introduces the student to the basic theory of cognitive therapy and customised applications of this model to a range of clinical syndromes. The curriculum emphasises a knowledge of cognitive behavioural models, concepts and methods; competence in developing cognitive case formulations; devising and implementing individual treatment programmes for a range of emotional disorders, and evaluating their effects; understanding the links between cognitive therapy and developmental and cognitive psychology; ethics issues in practising psychotherapy.

Students are supervised treating a minimum of five cases (approx 40 - 50 hours of casework), and are taught the use of Cognitive Psychotherapy in relation to a variety of different areas and disorders. Teaching takes place one full day per week (Friday) during academic term. Assessment is based on evaluation of the student's clinical performance using the Cognitive Therapy Scale - Revised and four written assignments.

Admission Requirements

This course is offered as a specialised post-qualification course that builds on relevant knowledge and skills already possessed by prospective candidates. Suitable candidates for the course will:

- Be currently employed in a healthcare setting and providing counselling or psychotherapy as part of their work, and;
- Have achieved a recognised third level qualification in a mental health profession (e.g. psychology, nursing, social work, medicine) and;
- Have relevant clinical experience and/or evidence of recognised foundation training in counselling/psychotherapy and;
- Have two years postgraduate experience.

Please note that a CV and a completed supplementary form is required as part of the online application process. Shortlisting of applicants will occur in mid-April and interviews for those who are successfully shortlisted are scheduled to take place in June 2017.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Exercise Physiology (M.Sc. / P.Grad.Dip.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Course Email | gradapps.hs@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course aims to provide training for professional development of physical educators and health care workers who employ exercise therapy. In addition this course would be ideal for those interested in gaining experience in assessment of exercise performance, and exercise applications in training and research. All graduates will develop an advanced understanding of how the body responds to acute and chronic exercise, in both physiological and pathological conditions, and acquire practical experience in the use of modern technologies for monitoring and assessing exercise performance.

To be eligible for admission, applicants are expected to hold a tertiary qualification, normally with some grounding in human biology. Typical candidates who achieve well on the course are employed in the field of physical education, as health professionals involved with patient management, or who have a significant personal involvement or interest in elite level exercise. Candidates with insufficient biological background may be required to undertake a lecture unit in basic physiological principles during the year before entry.

In year one, instruction will consist of approximately 300 contact hours devoted to taught modules comprising 60 ECTS. All modules will provide a focus on normal physiological function, pathological conditions and related aspects of exercise. Running themes throughout the course will encourage practical applications to human exercise, basics of data acquisition, recording and analysis, and critical evaluation of published works. As far as possible modules are scheduled to take place on only two days per week (Wednesdays and Thursdays).

In the first year, students are assessed progressively in all modules through a variety of formal reports, essays, practical work and through final written examinations (two 3-hour papers) held during the Annual examination period (May/June). All students must attend a viva voce examination following the end of year written papers to conclude the assessment process.

Subject to the discretion of the court of examiners, academic progress into year two of the course requires that students: a) achieve an overall mark of at least 50% which will be the credit-weighted average of all modules (all modules are compensatable), and b) pass taught modules amounting to 60 credits or more.

The second year of the course will consist of a research project on some aspect of exercise physiology which will comprise 30 ECTS. Projects will be chosen in consultation with an expert Supervisor, with consideration being given to individual candidates' interests. Practical work will be expected to occupy of the order of 300 hours over the year and assessment is via a dissertation of approximately 20,000 words. Organisation of the research will be a matter of negotiation between student and Supervisor, dependent on the time commitments of each.

The most up to date information on the programme which includes year one timetables and module descriptions, recent year two research projects and dissertations, as well as other useful information such as career paths of recent graduates can be viewed at the course website listed above.

Global Health (M.Sc.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Course Email | global.health@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Global Health is an attempt to address health problems and issues that transcend national boundaries, and are informed by the circumstances and experiences of countries in differing contexts. The underlying assumption is that the world's health problems are shared and are best tackled by cooperative action and the sharing of innovative solutions.

The M.Sc. Global Health aims to prepare graduates to contribute on a broader scale to the design, implementation, and management of health programmes, health systems development and health policy. The course augments traditional approaches to public and international health by bringing together perspectives and insights from a range of health and social sciences in understanding and resolving the challenges of global health. 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.

The course also lays emphasis on 'local' experiences that resonate globally in the case of Ireland. These include the influence of poverty and rapid social change on health and identity in Ireland; migration and refugee welfare, the consequences of ethnic conflict, the peace process and the challenges of reconciliation for creating inclusive health services. The strongest emphasis within the course is on health in developing countries and the impact of globalisation. We develop a strong emphasis on the influence of socio-cultural, economic and health policy issues.

The programme aims to provide graduates with a greater appreciation of the global interconnectedness of health problems and the range and depth of research methodology that can be used to work through these challenges. The M.Sc. Global Health course is particularly designed for practitioners, policy makers, health system planners, programme managers, analysts and health researchers, who wish to understand the broader and interconnecting causes of many health problems from a global perspective as well as those who aspire to build a career in the global health arena.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Health Services Management (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Charles Normand, Professor Edward Kennedy |
| Course Coordinator | Ms Mandy Lee |
| Course Email | Mandy.Lee@tcd.ie |
| Course Tel | +353-1-896 2665 / 3986 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course prepares students for middle and senior management positions in the health services. It is intended for suitably qualified applicants currently working in positions with planning or management responsibility in health service organisations. The course is multidisciplinary and open to all professions. The course harnesses the core values of commitment, caring and cooperation in professional clinical practice with management principles and methods relevant to the healthcare setting.

Particular emphasis is placed on the importance of interdisciplinary exchange within small group settings. Teaching is delivered through interactive sessions. Case studies, class discussion and online discussions facilitate the application of learning and ensure that the programme imparts a theoretical framework of understanding whilst maintaining a practical focus. The programme is continually updated to reflect developments occurring within our rapidly changing healthcare environment. A key feature within the

programme is a relatively small class size, which optimises learning for individual students.

The programme offers a comprehensive coverage of subjects relevant to health services management. Modules include:

Year 1: Understanding the Healthcare Environment (comprising Population Health, Law, and Marketing); Managing People in Healthcare Organisations (comprising Management and Organisational Behaviour, Human Resources Management, and Organisational Development); Health Economics Information and Operations Management Research Methods.

Year 2: Health Policy; Strategic Management (comprising Strategic Planning, Change Management, Quality Management, Risk Management, and Organisation Theory); Comparative Healthcare (comprising Comparative Analysis, Healthcare Financing, Delivery of Care, and Healthcare Reform); Research Methods and Healthcare Ethics.

Admission Requirements

Applications will be considered from those with health service management experience. In addition, applicants should hold a good honors degree in a professional discipline or an equivalent qualification. Shortlisted applicants may be requested to attend for interview.

Healthcare Infection Management (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Julie Renwick |
| Course Email | renwickj@tcd.ie |
| Course Tel | +353-1-896 4551 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The MSc in Healthcare Infection Management is a postgraduate qualification that is offered by the School of Medicine, Trinity College Dublin, to meet the need for a multi-disciplinary approach to modern healthcare infection control. The course provides specialist teaching in conjunction with St. James's Hospital, Tallaght Hospital, the Health Service Executive, and invited international experts.

The MSc in Healthcare Infection Management is primarily offered to medical microbiologists, infectious disease physicians, antimicrobial pharmacists, biomedical scientists, infection control specialists and public health workers and can be taken as either a 1-year full-time degree, or as a 2-year part-time degree.

The MSc in Healthcare Infection Management aims to provide graduates with a comprehensive understanding of the multiple disciplines that must align to deliver effective control of human pathogens in the hospital and community settings. The course will provide foundation and advanced knowledge on the

monitoring, prevention, diagnosis, and treatment of infectious diseases and is delivered as lectures, demonstrations, seminars, practicals and workshops.

In terms of structure, the course is delivered in the form of 4 taught modules, which comprise a total of 60 ECTS, on the following themes: Module 1: Clinical Microbiology and Infectious Diseases (15 ECTS); Module 2: Antimicrobial Therapy and Resistance (15 ECTS); Module 3: Epidemiology and Infection Control (15 ECTS); Module 4: Multidisciplinary Management of Infection (15 ECTS). There is also a Research Dissertation module (30 ECTS) that will enable students to acquire new laboratory skills and perform research on a topic that is relevant to contemporary healthcare.

Admission Requirements

Applications will normally be received from those who hold one of the following qualifications:

- A medical degree
- An honours degree in Biomedical Sciences, Nursing, Pharmacy, or Microbiology
- An honours degree in another relevant science subject

Applications may also be received from individuals with a minimum of three years of relevant healthcare experience and suitable qualifications. Applicants meeting these requirements may be required to attend for interview.

Implementation Science (P. Grad. Cert.)

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Course Director | Prof Joe Barry |
| Course Coordinator | Prof Catherine Hayes |
| Course Email | amealy@tcd.ie , hayesc9@tcd.ie |
| Course Tel | +353-1-896 1087 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Postgraduate Certificate in Implementation Science course has been designed to improve the knowledge and skills of health, social care and education professionals in the area of Implementation Science (IS); provide an understanding of the core principles of IS and their application to the complex environment of the health and social services. The course is aimed at the broad range of professionals working in health, social care and education who have responsibility for implementation of policies, programmes or projects. In addition to the core elements of IS the course also includes contributions from leading policymakers and senior managers in the wider Irish health, social care and education systems, thus ensuring a practical focus and equipping participants with the skills and understanding needed to implement policies, programmes and interventions effectively in a rapidly changing environment.

Particular emphasis is placed on the importance of interdisciplinary exchange within small group settings. Case studies and class discussion will facilitate the application of learning and ensure that the course imparts a theoretical framework of understanding whilst maintaining a practical focus. The course is designed to cater for the needs of EU and non-EU students. The aims of the course are as follows:

1. To bring the core theory of IS to health, social care and education practitioners and to support the application of IS in the health, social care and education domains of practice
2. To analyse the factors impeding implementation in a variety of settings
3. To foster multi-disciplinary learning in an academic setting where the multi-disciplinary and multi-organisational backgrounds of the students will be developed as a source of learning.

The course is a taught programme comprising 30 ECTS credits in a total of five modules: Core Elements of Implementation Science (5 credits); Managing People in Healthcare Organisations (10 credits); Financial and Project Management (5 credits); Information for implementation-using data to drive the implementation agenda (5 credits) and Turning theory into practice (5 credits).

Face-to-face teaching typically takes place over three days (usually Wednesday, Thursday and Friday) of the calendar month over a six month period and consists of a combination of formal teaching sessions, workshops and interactive / practical sessions. Pre-module reading lists will be provided and will form part of the module teaching. Some modules may be undertaken by way of blended learning. All registered students will have access to an interactive web-based learning facility (Blackboard). Course materials will be circulated electronically via Blackboard. Completion of each module is obligatory. Students are recommended to attend all of the taught modules.

Admission Requirements

Prospective students must be graduates in a health or social care-related discipline with at least 3-4 years professional experience.

Other applications may be considered in exceptional circumstances based on workplace experience. Short-listed applicants may be interviewed if it is not possible to make a decision based on the online application.

Candidates from within and outside the EU will be eligible for enrolment onto each course, providing their primary degree is from a recognised institution.

Applications for admission to the course will be made online. The closing date for applications for entry to the course will be April 30th of the year of admission.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Master in Medicine (M.M. /P. Grad. Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Mary Teeling |
| Course Email | teelingm@tcd.ie |
| Course Tel | +353-1-896 2893 / +353-1-410 3671 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This Masters in Medicine course is offered to medical graduates in training who wish to develop their research skills, broaden their research interests, and develop advanced knowledge in selected areas of clinical and scientific practice. The course syllabus and curriculum have been developed following consultation with medical trainees in Ireland in order to ensure that the course fulfills their needs in terms of higher medical training at national and international level. The aim of the course is to provide advanced training in key domains of excellence relevant to modern medical practice for all students while also providing specialist knowledge relevant to their individual chosen career pathways.

Students will be required to complete twelve taught modules (5 ECTS each) as follows:

Six core modules (in year 1): Professional and Ethical Practice of Medicine; Research Skills I; Research Skills II; Health Services Management; Health Informatics and Patient Safety for Clinical Specialists.

Six optional modules (year 2) from either Molecular and Translational Medicine (strand A): Cellular Biology and Cell signalling Mechanisms; Introduction to Genetics and Molecular Biology; Molecular oncology; Molecular Mechanisms of Human disease I and II; Laboratory skills for clinical specialists; Clinical skills for clinical specialists or Population Health and Health Implementation (Strand B): Public Health for Clinical Specialists; Global Health for Clinical Specialists; Teaching and Learning for Clinical Specialists; Health Economics, Pharmacoepidemiology, and Drug Safety 56; Clinical skills for clinical specialists and Developing and prescribing medicines in special populations

Students will also be required to submit a dissertation (30 ECTS) based on an original research/ laboratory-based project at the end of the first / second year (full time / part time option).

Admission Requirements

Candidates should be medically qualified (MB, BCH, BAO or equivalent from a recognised medical school), be registered with the Medical Council of Ireland (or equivalent overseas regulatory body) and should be at least 2 years post registration. In addition each candidate will attend for interview to determine suitability for the course. The course will be run mainly in the Trinity Centre for Health Sciences, St. James Hospital, Dublin 8.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Medical Imaging (M.Sc. / P.Grad.Dip.)

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Ms Suzanne Dennan |
| Course Coordinators | Brendan McCoubrey, Deborah Prior and Jean Maher |
| Course Email | gradapps.hs@tcd.ie , dennans@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. in Medical Imaging is offered by the Department of Clinical Medicine and is designed for qualified radiographers. Students on the M.Sc. pursue a particular strand – Computed Tomography, Magnetic Resonance Imaging, Nuclear Medicine or Radiation Safety and Interventional Radiography. In addition, a number of core common modules will be taken.

The M.Sc. in Medical Imaging is delivered over 12 continuous months, with lectures every Friday. Students are also required to spend a minimum of 15 hours per week undertaking a clinical placement in a Computed Tomography, Magnetic Resonance Imaging, Nuclear Medicine or Radiography Department, for the duration of the course. This placement is a central part of the course and all applicants must have access to a placement. The taught component of the course runs from late September to May. At this stage, students who have successfully completed the taught component may opt to exit the programme with a Postgraduate Diploma in Medical Imaging. From May to August, students eligible to proceed to M.Sc. level will undertake an independent research project presented in the form of a dissertation. Successful completion of the research component of the programme leads to the award of M.Sc. in Medical Imaging.

The main aim of the course is to train and qualify Radiographers in the practice of either Nuclear Medicine, Radiation Safety and Interventional Radiography, Magnetic Resonance Imaging or Computed Tomography. The practical clinical experience required in each strand of the M.Sc. will be gained in the student's own department. The Nuclear Medicine strand is designed to give a solid academic base in the understanding of the safe use and management of isotopes, and a high level of practical experience in Nuclear Medicine imaging techniques. The Radiation Safety and Interventional Radiography strand aims to provide a solid academic background in the legislative framework governing radiation protection and a high level of practical experience in clinical Interventional Radiography. The Magnetic Resonance Imaging strand is designed to give a solid academic basis in the understanding of MR imaging, and a high level of practical experience in MRI techniques and in the safe use of MR imaging and associated equipment. The Computed Tomography strand is designed to give a solid academic basis in the understanding of Computed Tomography, and a high level of practical experience in Computed Tomography techniques and in the safe use of Computed Tomography imaging and associated equipment.

The research methods and dissertation element of the course is designed to develop the student's research skills.

The M.Sc. in Medical Imaging will incorporate both taught and practical components, with the taught component forming a substantial part. It is a course requirement that the student must spend a minimum of 15 hours per week on clinical placement in either a Nuclear Medicine Department, an Interventional Radiology Department, a Magnetic Resonance Imaging Department or a Computed Tomography Department, as appropriate for the strand on which the student has enrolled.

The M.Sc. course consists of taught modules (60 ECTS) and a research project culminating in a written thesis of 20,000 words (30 ECTS).

The list of common core taught modules currently available to students on the Nuclear Medicine, Radiation Safety and Interventional Radiography, Magnetic Resonance Imaging and Computed Tomography strands are: Medico-Legal Aspects and Ethics, Risk Management and Clinical Audit (10 ECTS); Clinical Practice (10 ECTS)

Mandatory additional modules in the Nuclear Medicine strand are: Physics and Instrumentation, and Computer Technology, Radiation Protection and Quality Control (15 ECTS); Clinical Applications of Nuclear Medicine and Hybrid Imaging (15 ECTS); Anatomy, Physiology and Pathology applied to Nuclear Medicine (5 ECTS); Radiopharmacy (5 ECTS)

Mandatory additional modules in the Magnetic Resonance Imaging strand are: Physics, Instrumentation and Computer Technology of MRI (10 ECTS); MR Imaging Techniques and Protocols, Anatomy, Physiology and Pathology I (10 ECTS); MR Imaging Techniques and Protocols, Anatomy, Physiology and Pathology II (15 ECTS); Safety and QA in MR (5 ECTS)

Mandatory additional modules in the Radiation Safety and Interventional Radiography strand are: Practical Aspects of Radiation Protection and Radiation Protection Legislation (10 ECTS); Physics, Instrumentation and Computer Technology (10 ECTS); Quality Management and Quality Control (5 ECTS); Interventional Imaging Techniques and Protocols, Anatomy, Physiology and Pathology (15 ECTS)

Mandatory additional modules in the Computed Tomography strand are: Physics, Instrumentation and Computer Technology of CT (10 ECTS); CT Imaging Techniques and Protocols, Anatomy and Pathology I (10 ECTS); CT Imaging Techniques and Protocols, Anatomy and Pathology II (15 ECTS); Radiation Protection and QA in CT (5 ECTS)

All students proceeding to the dissertation component will also take the following module: Research Methods and Dissertation (30 ECTS)

Admission Requirements

Applications will be accepted from those who: Hold a BSc in Radiography or an equivalent qualification in Radiography; have access to a clinical placement in a Radiology Department. Candidates will not be accepted onto the course unless they have a clinical placement; otherwise satisfy the course admission committee that they have the ability to complete and benefit from the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Molecular Medicine (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Ross McManus, Dr Henry Windle, Dr Yuri Volkov, Dr Michael Freeley and Dr Anthony Ryan |
| Course Email | galikm@tcd.ie |
| Course Tel | +353 (1) 896 3557 / 2139 |
| Next Intake | September 2017 |

There is a separate entry on admission to the P.Grad.Dip. in Molecular Medicine.

This course aims to give participants an indepth understanding of the emerging field of molecular medicine which draws together developments in molecular and cellular biology to describe disease processes at a functional level - that of molecular interactions.

The course aims to provide students with an understanding of the molecular basis of human disease and its implications for the practice of clinical medicine and research in the life sciences. The course will ensure that students from all disciplines have the skills necessary to conduct research and critically evaluate the scientific and medical literature.

The course includes lectures on cellular biology and molecular genetics as they apply generally to normal cell and tissue function and to disease processes. Modules on molecular signalling and therapeutics, bioinformatics and ethical-legal aspects of the discipline are included, as well as literature reviews, laboratory practicals and a laboratory project.

The course is available in a one-year, full-time and a two-year, part-time format. It consists of lectures on cellular biology and molecular genetics as they apply generally to normal cell and tissue function and more specifically to disease processes such as cancer, immune dysfunction, and diseases with an inherited component. The course content

includes molecular signalling and therapeutics, molecular and population genetics, nanoscience, and high content cell analysis. There is a core, “Research Skills” module which encompasses bioinformatics and ethical-legal aspects of the emerging discipline, literature reviews, and laboratory practicals in basic molecular and cellular techniques. Candidates will complete a laboratory project of three months (full-time) or six months (part-time) duration. Candidates must also complete the taught module, Molecular Mechanisms of Human Disease I. This course provides the applicant with state-of-the-art information and critical analysis of: The human genome at a molecular level, the integration of molecular and cellular biology in relation to human diseases; the molecular basis of human genetic disease; the molecular interactions between microbiological pathogens and the human host; the technology currently employed in researching molecular medicine; the molecular basis of common human inflammatory diseases and malignancies; the utilisation of knowledge on the molecular basis of human disease in planning and design of novel therapies, using pharmacological agents or gene therapy; the ethical and legal aspects of molecular medicine as it impinges on clinical practice. You will also gain a working appreciation of molecular and cellular biology at the practical level and development of the ability to perform independent research with the ability to apply bioinformatic and computational techniques in medical and biological research, and information retrieval.

The student is examined on the basis of a submitted critical literature review essay, a written examination, assessment of laboratory practicals and the writing of a dissertation based on a research project. Candidates from health science (medical, dental, veterinary), biological science and other science disciplines (e.g. chemical or pharmacy), are invited to apply.

Molecular Medicine (P.Grad.Dip)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Derek Morris |
| Course Email | gradapps.hs@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This programme aims to provide participants with an in-depth understanding of the emerging field of molecular medicine, which draws together developments in molecular and cellular biology to describe disease processes at a functional level - that is, at the level of molecular interactions. The Diploma in Molecular Medicine is designed to make available a high quality course to those individuals who cannot avail of a full-time programme, due to the high demands it makes on a candidate's time. The diploma may therefore be an

attractive option for, among others, people working in business, clinical industry, or other disciplines, who wish to gain a comprehensive knowledge in this area with a view to progressing professionally, or going on to do a higher degree.

This programme offers a comprehensive and thoroughly up-to-date overview of the area, which provides participants with the skills necessary to critically evaluate the literature and understand the central concepts of molecular medicine, such as the molecular basis of human disease and its implications for the practice of clinical medicine and research in the life sciences. The course includes lectures on cellular biology and molecular genetics as they apply generally to normal cell and tissue function and to disease processes. Advanced modules cover topics such as molecular oncology, signalling, development and therapeutics, immunology and infectious agents among others. A selection of modules on issues such as bioinformatics, research methodology, statistics and ethical/legal aspects of the discipline may be undertaken on an optional basis.

Students choose a minimum of 10 units totalling a minimum of one hundred contact hours teaching. Students are also required to complete a written review of a relevant part of the literature. Students are examined on the basis of the submitted critical literature review essay, and written examinations of the modules taken. Examinations are undertaken at the end of each term.

Candidates should normally have a minimum of a 2.1 honors degree or equivalent in a biological science; a clinical science such as medicine, dentistry or veterinary; a pharmaceutical science such as pharmacy, or related area. However individuals with other appropriate or industrial experience (for example those working in the life sciences sector) will also be considered. The candidate may be interviewed to establish his/her suitability for the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Neuroscience (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | gradapps.hs@tcd.ie |
| Course Tel | +353-1-896 4826 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Neuroscience is a discipline concerned with the scientific study of the nervous system in health and disease. Research in the neurosciences is of considerable clinical impact considering the debilitating and costly effects of neurological and psychiatric disease. In this regard, a major goal of modern neuroscience research is to elucidate the underlying causes (genetic or environmental) of major

brain diseases, and to produce more effective treatments for major psychiatric disorders such as schizophrenia and depression, and neurological disorders such as multiple sclerosis, Parkinson's disease, Alzheimer's disease, motor neurone disease and epilepsy. Improved treatment strategies for brain disorders relies entirely on increased understanding gained from research which integrates molecular, cellular and clinical aspects of disease. In this regard it is clear that interdisciplinary approaches are necessary to understand the complex processes which underlie brain function in health and disease. This interdisciplinary philosophy is adopted in the delivery of our M.Sc. programme in Neuroscience, which is underpinned by the diverse research expertise available within Trinity College. The M.Sc. course in Neuroscience is held in the Department of Physiology, School of Medicine, located within Trinity College Institute of Neuroscience (T.C.I.N.) and Trinity College Biomedical Sciences Institute (T.B.S.I.).

This one-year M.Sc. course aims to provide a multidisciplinary training in the neurosciences, in topics ranging from molecular to behavioural. The course is ideal for students wishing to extend their specialised knowledge, and for those wishing to convert from their original degree discipline. The programme will equip participants with the skills necessary to progress into a career in biomedical, pharmaceutical or neuropsychological research. Instruction for the course consists of approximately 200 contact hours over two academic Terms to include lectures, laboratory practical sessions, journal club workshops and student-based seminars. Modules are assessed by a mixture of in course assessment and written examinations.

Form and Function of the Nervous System, Biochemical Basis of Neuropharmacology, Neuropharmacology, Drug Development, Neuroimmunology, Experimental Neuroscience, Current Experimental Techniques, Cellular Neuroscience, Journal Club, Literature Review, Neuroimaging, Neural Engineering, Statistical Skills, Experimental Research Skills, Clinical Research Neuroscience.

The third Term consists of a research project on novel aspects of Neuroscience. The School of Medicine, Trinity College Biomedical Sciences Institute and Trinity College Institute of Neuroscience collectively form a dynamic research environment with research spanning molecular/cellular neuroscience to clinical/translational neuroscience. Projects across these research areas may be undertaken in consultation with an expert supervisor. For students interested in a project in cellular/molecular neuroscience a range of cellular techniques such as tissue culture, immunocytochemistry, western immunoblotting and immunoprecipitation, confocal microscopy, Immunoassays, flow cytometry, Real-time PCR, and high performance liquid chromatography are available. In addition, some projects will involve assessing behavioural, electrophysiological and neurochemical endpoints using in vivo models of neurological and psychiatric disease. For those with an interest in experimentation on human subjects, projects will be offered utilizing techniques such as functional magnetic resonance imaging and neurocognitive testing. A selection

of national and international projects is also available, which involve collaboration with other academic institutes and pharmaceutical companies, in Ireland, UK and across Europe.

Admission Requirements

Applicants will normally be required to hold at least an upper second class honours degree (2.1) in Biological Sciences, Psychology, Medicine or other disciplines within the Health Sciences.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Occupational Therapy (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | gradapps.hs@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Masters Degree in Occupational Therapy, Trinity College, is aimed at developing occupational therapists' research knowledge and skills in order to integrate research as an integral and explicit element of professional practice. It specifically aims to develop therapist's academic knowledge and critical thinking skills in the area of occupational therapy theory, evidence-based practice and current approaches to research in occupational therapy practice.

The course is designed to suit therapists who wish to study part-time while continuing to work in professional practice. It is offered on a two year part-time basis, where students attend on pre-allocated times for a combination of tutorials, seminars, lectures and self-directed learning activities. The first year of the course includes five modules:

- Advancing Occupational Therapy Theory;
- Evidence based practice;
- Qualitative Research Methods in Occupational Therapy;
- Quantitative Research Methods in Occupational Therapy; and
- Research Management and Pragmatics.

The second year of the course is mainly devoted to completion of a dissertation.

Admission Requirements

Candidates for this course must be occupational therapists that hold a World Federation of Occupational Therapists' recognised degree or diploma in occupational therapy.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Pharmaceutical Medicine (M.Sc. / P.Grad. Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | gradapps.hs@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This M.Sc. course is administered by the Department of Pharmacology and Therapeutics, in the Trinity Centre of Health Sciences, St James's Hospital, Dublin. It has been developed to provide medical and science graduates with specialist knowledge and skills in the area of clinical pharmacology and pharmaceutical medicine. In-take is on an annual basis. Components of the course include principles of:

- Pharmacology and biostatistics
- New drug development and the regulatory environment
- Pharmacoeconomics and rational use of drugs
- Pharmacovigilance and drug information

The course involves completion of taught modules and the additional undertaking of a research project. The modules consist of formal teaching and personal assignments and are run over five terms on a part-time basis (approximately two modules per term). Some of the modules are undertaken by way of distance learning. In addition, the students are assigned a research project (including field work), to be submitted as a dissertation for the degree of M.Sc. only.

The syllabus is compliant with PharmaTrain, an EU funded Innovative Medicines Initiative (www.pharmatrain.eu).

Students are assessed by way of continuous assessment and are required to pass written and oral examinations at the end of their course. In addition, they are required to submit a written dissertation on their research project (with the possibility of an oral examination) by the end of the second year of the course.

Prospective students for this course must hold a primary degree in either medicine or another relevant health or science subject. Candidates should have a minimum of two years' practical experience in their area of qualification/pharmaceutical industry. The course is run in the Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Physical Sciences in Medicine (M.Sc. / P.Grad. Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | gradapps.hs@tcd.ie |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course offers the academic training required for a career in scientific support of medical procedures and technology. The course is coordinated through the Medical Physics Departments in St. James's Hospital and St. Luke's Hospital, Dublin. Students enter via the M.Sc. register. This course covers areas frequently known as Medical Physics and Clinical Engineering. It is designed for students who have a good honours degree in one of the Physical Sciences (physics, electronic or mechanical engineering, computer science, mathematics) and builds on this knowledge to present the academic foundation for the application of the Physical Sciences in Medicine.

The course will be delivered as lectures, demonstrations, seminars, practicals and workshops. All students must take a Core Module. Upon completion of this, the student will then take one of three specialisation tracks in Diagnostic Radiology, Radiation Therapy or Clinical Engineering. The running of each of these tracks is subject to a minimum number of students taking each track and therefore all three tracks may not run each year.

Core Modules are: Introduction to Radiation Protection and Radiation Physics (5 ECTS); Imaging Physics and Technology (5 ECTS); Introduction to Radiotherapy and Non-Ionising Imaging (5 ECTS); Basic Medical Sciences (5 ECTS); Introduction to Research Methodology and Safety (5 ECTS); Medical Technology and Information Systems (5 ECTS); Seminars (5 ECTS).

Specialisation Track Modules (Diagnostic Radiology) are: Radiation Physics and Dosimetry (5 ECTS); Medical Informatics and Image Processing (5 ECTS); Ionising and Non-Ionising Radiation Protection (5 ECTS); Imaging Physics and Technology 2 (10 ECTS).

Specialisation Track Modules (Radiation Therapy) are: Radiation Physics and Dosimetry (5 ECTS); Principles and Applications of Clinical Radiobiology (5 ECTS); External Beam Radiotherapy (10 ECTS); Brachytherapy and Unsealed Source Radiotherapy (5 ECTS).

Specialisation Track Modules (Clinical Engineering) are: The Human Medical Device Interface (5 ECTS); Principle and Practice of Medical Technology Design, Prototyping and Testing (5 ECTS); Medical Technology 1: Critical Care (5 ECTS); Medical Technology 2: Interventions, Therapeutics and Diagnostics (5 ECTS); Medical Informatics and Equipment Management (5 ECTS). Project Work and Dissertation (30 ECTS).

A pass mark in the assessment components of all three required sections (Core Module, Specialisation Track and Dissertation) will result in the awarding of M.Sc. in Physical Sciences in Medicine. If the student does not pass the dissertation component, but successfully passes the taught components, an exit Postgraduate Diploma in Physical

Sciences in Medicine will be awarded. The course is designed to be a 1 year full-time course but is timetabled to facilitate students who want to engage over a 2 year part-time process.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Psychoanalytic Psychotherapy (M.Sc. / P.Grad. Dip.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Course Director | Dr John O'Connor |
| Course Email | gradapps.hs@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The central aim of this course is to provide students with the theoretical basis for training in adult psychoanalytic psychotherapy and child and adolescent psychoanalytic psychotherapy. The course provides a thorough training in psychoanalytic theory from Freud through Klein, Bion, Winnicott, and the Independent Tradition, while strongly emphasising the aspect of clinical training with adults

The course will be two years in duration and it will be a part-time course. As a part-time taught postgraduate course of two calendar years duration, the total will be 90 ECTS credits. Teaching will take place mostly during the two College terms in Year 1 and Year 2. Teaching will take place on Tuesday evenings and all day Wednesday during term. Some teaching also takes place on an irregular basis out of term in order to support the Infant Observation module and in relation to the ongoing clinical components of the programme. Students continue their personal therapy out of term as well as in term. The course, including assessment, is the equivalent of 90 ECTS. The course taught modules are as follows: Module 1: Theoretical Frameworks I (10 ECTS); Module 2: Infant Observation I (10 ECTS); Module 3: Infant, Child - Adolescent Development (10 ECTS); Module 4: Clinical Concepts (5 ECTS); Module 5: Infant Observation II (10 ECTS); Module 6: Theoretical Framework II (10 ECTS); Module 7: Clinical Practice (5 ECTS); Module 8: Research (30 ECTS). Modules 1 to 4 are completed in the first year of the course, with modules 5 to 8 being completed in the second year of the course. Students who pass each of the taught modules and the dissertation are eligible for the award of M.Sc. in Psychoanalytic Psychotherapy. Students who pass each of the modules but do not complete the dissertation will be awarded the Post-Graduate Diploma in Psychoanalytic Psychotherapy.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Respiratory Physiotherapy (M.Sc. / P.Grad. Dip.)

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Duration | 1 year full-time and 2 year part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Juliette Hussey |
| Course Email | jmhussey@tcd.ie |
| Course Tel | +353 1 896 2125 |
| Course Location | The course will be mainly based in the Trinity Centre for Health Sciences, St James Hospital and in the Clinical Physiotherapy Department in St James Hospital. |
| Course Information | www.tcd.ie/courses/postgraduate/az |

Respiratory Physiotherapy is one of the core areas of Physiotherapy Practice. The aim of this course is to develop physiotherapists' knowledge and skills in the physiotherapy management of the patient with respiratory disorders. The course will take place on a part-time basis to facilitate physiotherapists working in clinical practice. The M.Sc. course is run on a full-time (1 year) and part-time (2 year) basis. The PG Diploma is completed in 1 year. All students will attend 3 days per month for the first year. A 5-week clinical placement will either be timetabled for the end of year 1 (full-time M.Sc. students and diploma students) or during year 2 (part-time M.Sc. students). A research project will be undertaken in year 1 for full-time M.Sc. students and in year 2 for part-time M.Sc. students. Teaching will include lectures, laboratory practicals, seminars and tutorials. Clinical experience in Respiratory Physiotherapy will also be provided.

An individual research project on some aspect of Respiratory Physiotherapy shall be completed by M.Sc. students. Students shall be assigned a supervisor with whom the research topic must be agreed. The proposal must be accepted by the course committee prior to commencement. Ethical approval for research projects will be sought as necessary. The dissertation will involve regular meetings between the student and supervisor. M.Sc. students will present their research findings in a report in a paper format of no more than 3,500 words.

Students performance will be assessed by coursework that is completed throughout the year and by their performance during a clinical placement. Coursework will include case-based questions, case studies, essays, laboratory reports and literature reviews.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Sports and Exercise Medicine (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Email | gradapps.hs@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The course includes lectures, practical and clinical work. It aims to present a scientific basis for the study of all aspects of sports and exercise medicine; to outline a comprehensive programme for injury prevention and treatment; to define guidelines for the scientific monitoring and training of athletes; to enable participants to prescribe training advice for different age groups; and to expose participants to a wide range of specialities relevant to sport and exercise.

A M.Sc. degree is awarded following the passing of written, oral and clinical examinations and the acceptance of a dissertation based on practical research work. Marks are allocated on the basis of 67% continuous assessment and end of year written examinations and 33% dissertation.

Admission Requirements

Those eligible to apply for this course will be well-qualified medical graduates, chartered physiotherapists (upper second-class honours degree or higher), with minimum one-year post qualification experience. Preference is given to applicants with a strong sporting background (personal involvement or recognised service provision).

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Translational Oncology (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinators | Dr Joanne Lysaght, Dr Jacintha O'Sullivan |
| Course Email | msconcol@tcd.ie |
| Next Intake | September 2017 |
| Course information | www.tcd.ie/courses/postgraduate/az |

This M.Sc. program in Translational Oncology will provide high-quality training for basic scientists and clinicians in the theoretical and practical aspects of the causes and treatment of cancer. A major focus of the programme is the cellular genetic and epigenetic basis of cancer. The course also covers the scientific and clinical challenges pertinent to the management of site specific cancers, and all aspects of cancer treatment

from standard therapies to 'individualised' molecular targeted therapies. The focus of the course is research led teaching in the practical aspects of translational cancer research.

This innovative M.Sc. program in Translational Oncology is aimed at scientists and doctors in training who wish to: Develop their research skills Broaden their expertise in oncology Develop advanced knowledge in specific areas of scientific, translational and clinical oncology. The proposed course will offer an opportunity for graduates from a variety of backgrounds to specifically train in translational oncology in advance of undertaking an MD or PhD. Modules are taught using a variety of methods including lectures, tutorials, workshops and laboratory practicals. Lectures are provided by leaders in the field of translational oncology from both scientific and medical backgrounds. The core modules are Cellular and Molecular Oncology, Cancer Epigenetics, Disease Specific Cancers, Radiation / Chemotherapy and Molecular Targeted Therapies, Tumour Immunology, Molecular Pathology and Imaging, Clinical Statistics and Research Skills. Students can tailor the course to their interests with optional modules in Obesity, metabolism and Cancer, Gemomic Instability, Cancer Drug Development, Tumour Microenvironment, Clinical Pharmacology, and Surgical Oncology and Economics. Students will be required to submit a dissertation based on an empirical research project conducted in one of the many oncology groups located within or affiliated with Trinity College Dublin and the Institute of Molecular Medicine. Opportunities for national and international placements to conduct research projects will also be available in collaborating universities, hospitals and industry.

Admission Requirements

This M.Sc. in Translational Oncology is open to both scientific and clinical graduates. Scientific, dental or equivalent candidates must have a minimum of a 2.1 honours degree in any biologically-related discipline. Medical graduates must have a MB, BCh, BAO or equivalent from a recognised medical school. All applicants should provide two academic or clinical references confirming their eligibility and suitability for the course, before their application can be considered. Applicants should also include a 500 word personal statement addressing why they are interested in the course, their suitability for the programme and how it will impact on their future career development.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Nursing and Midwifery

| | |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Head of School | Professor Catherine Comiskey |
| Director of Teaching & Learning (Postgraduate) | Dr. Elizabeth Fahey McCarthy |
| Telephone | +353-1-896 2579 |
| Email | nursing.midwifery@tcd.ie , faheyfce@tcd.ie |
| Web | www.nursing-midwifery.tcd.ie |

The School of Nursing and Midwifery was established in 1996 at a time of great change in nursing education in Ireland. Subsequently a rapid expansion followed to a point where postgraduate programmes are offered catering for many branches of nursing and midwifery as well as other Healthcare professions. The School has a definite research profile and has formed many national and international links.

Research Programmes

The School has a growing record of attracting research funding in various health care areas. Research interest groups are working in collaboration with international experts in the areas of cardiovascular, oncology-palliative care, child health care, midwifery-led care, generic and intellectual disability, autism, health care management, mental illness and adult education issues. This work has created opportunities for full-time research posts.

In partnership with Queen's University Belfast, staff have assisted the School of Nursing in Jordan University of Science and Technology to develop two existing M.Sc. programmes and to institute a third. This work is funded by an EU TEMPUS grant. Staff are also working with universities in five countries including Charles and Pardubice Universities in the Czech Republic, Turku and Stadia Polytechnics in Finland, Murcia University in Spain, and Dundee and Paisley Universities in Scotland on a study investigating the development of ethical reasoning in student nurses as a care skill. The School has also been granted support by the Leonardo Da Vinci Programme for an exchange project aiming at exploring educational issues relating to the training of professionals to care for people with intellectual disability with Akershus University College in Norway.

Furthermore, an important study, involving several EU countries, is in preparation, and is being submitted for EU FP7 funding.

The School offers a number of research student bursaries each year and interested students should contact the Director of Research in the School.

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Advanced Nurse Practitioner – Emergency Department (M.Sc./P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy, Nursing and Midwifery (Part-Time)
- Doctor in Philosophy, Nursing and Midwifery (Full-Time)
- Master in Science, Nursing and Midwifery (Part-Time)
- Master in Science, Nursing and Midwifery (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Nursing and Midwifery (Part-Time)
- Doctor in Philosophy, Nursing and Midwifery (Full-Time)
- Master in Science, Nursing and Midwifery (Part-Time)
- Master in Science, Nursing and Midwifery (Full-Time)

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Course Administrator | Ms Caitriona NicPhilbin |
| Course Email | PGT.Nursing.Midw@tcd.ie |
| Course Tel | +353-1-896 3015 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This MSc in Nursing - Advanced Nurse Practitioner (ANP) in Emergency Nursing including Nurse Prescribing Certificate prepares suitably qualified, experienced nurses to develop their knowledge, skills and expertise to become advanced practitioners who can deliver direct healthcare of the highest professional standards to patients and clients while pursuing a career in clinical nursing practice. The clinical components required for nurse prescribing is nested within the overall theoretical and clinical experience.

The The M.Sc. Nursing Advanced Nurse Practitioner (ANP) in Emergency Nursing including Nurse Prescribing Certificate meets the criteria for level 9 programmes as set out by the National Qualifications Framework.

M.Sc. in Nursing - Advanced Nurse Practitioner (ANP) in Emergency Nursing including Nurse Prescribing Certificate is offered over 2 years for eligible applicants who are current holders of a bachelor nursing degree.

P.Grad. Dip in Nursing - Advanced Nurse Practitioner (ANP) in Emergency Nursing including Nurse Prescribing Certificate is offered over 1 year for eligible applicants who are current holders of a masters nursing degree.

Clinical Placement: Students undertaking the MSc in Nursing (Advanced Nursing Practice in Emergency Nursing) are required to work in an Emergency Department; for a minimum of 1,000 hours (approx 40 weeks). This clinical placement takes place during the first year of the course and occurs in the students own area of employment under supervision of an experienced senior clinician.

Admission Requirements

Academic – Hold an honors degree in Nursing Studies or equivalent; and a post-basic qualification in relevant nursing specialty or otherwise satisfy the course committee that they have the ability to complete and benefit from the course.

Professional – Active Registration with NMBI: Applicants must be registered in the General Nursing Division of the active register maintained by the Nursing and Midwifery Board of Ireland, have a minimum of five years clinical experience in relevant nursing specialty during the last 8 years; written commitment from host organisation to support the student for the clinical practicum (to include prescribing of medicinal products and ionising radiation); satisfactory clinical audit of host hospital as a suitable learning environment for the relevant specialty.

Clinical Health Sciences Education (M.Sc. / P.Grad.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Caitriona Nic Philbin |
| Course Emails | cnicphil@tcd.ie |
| Course Tel | +353-1-896 3015 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. in CHSE offers suitably qualified health care practitioners an opportunity to develop their skills in teaching, assessment, curriculum design, development, evaluation and research. The student teachers on this course learn these skills in both stimulated and professional practice contexts which are underpinned by the philosophy of interdisciplinary learning. This results in teachers who are thoughtful, critical and more importantly prepared for the challenges of teaching within higher education. Students are required to maintain a portfolio throughout the course and are required to complete 100 hours of teaching practice (80 hours classroom teaching and 20 hours clinical teaching).

The programme takes place over two years on a part-time basis. A blended learning approach is utilised in the delivery of theoretical content, including lectures, group discussion, Blackboard and self-directed learning. The assessment process used is a combination of written and practical assignments. In year one, students develop their knowledge and skills in health sciences education while year two concentrates on research and the completion of dissertation.

Admission Requirements

Entry Requirement for interdisciplinary healthcare applicants

- Registration as a health services professional with the appropriate body and working in a relevant area and
- an honours degree in a relevant discipline or equivalent professional and academic qualifications and
- a minimum of three years full-time recent clinical experience practice or equivalent since registration. This experience must be where learners are undertaking placements.

Entry Requirement for nursing and midwifery applicants

- Active registration with the Nursing and Midwifery Board of Ireland and
- an honours degree in Nursing or Midwifery
- have a minimum of three years full-time recent clinical nursing practice or equivalent since registration. This experience must be where student nurses or midwives are undertaking placements.

It is the student's responsibility to secure all teaching hours prior to commencing the course (80 Classroom teaching hours and 20 Clinical teaching hours). Applicants are required to confirm their teaching arrangements in writing with their application.

Students who already hold a M.Sc. may opt to take the educational modules only in year one and be awarded a P.Grad. Dip. in CHSE.

Students who already hold a M.Sc. in Nursing or relevant subject and who meet the professional requirements as set out above, may be eligible to complete a one year postgraduate diploma in Advanced Nurse practitioner including Nurse Prescribing Certificate.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az. Documentation required to support your application include: a copy of your current NMBI registration card; 2 references; copies of academic transcripts from completed educational courses; copies of official awards (parchments) from completed educational courses; written commitment from your Director of Nursing to support the student during the clinical practicum and to nominate a suitably qualified practitioner to act as a clinical supervisor/mentor during the student's clinical learning experience; a site declaration form signed by the Director of Nursing must be submitted with the student's application. This must also be signed by the Medical Practitioner.

Children's Nursing (H.Dip.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Ms Jacqueline Whelan |
| Course Email | whelanj1@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course aims to develop and expand knowledge, skills and attitudes in nurses towards infants, children and their parents and family, as a unit in society. The course is designed to equip nurses to deliver primary health care, acute, rehabilitative and palliative care as required and to foster the process of continuing education and research in paediatric nursing practice. Students must be registered, or be eligible to register, in one of the three disciplines in nursing- general, psychiatry, intellectual disability nursing and 6 months post registration experience since initial registration is required. Students must have a Diploma in Nursing, or a TCD access to Nursing programme or a Degree in Nursing.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Community Health (M.Sc. / P.Grad.Dip.)

Successful completion of the M.Sc. CHSE will allow nursing and midwifery students to apply for registration as a nurse tutor with the Nursing and Midwifery Board of Ireland. Nursing and midwifery students who wish to be eligible to apply for registration as a nurse tutor with the Nursing and Midwifery Board of Ireland must complete an additional module (NU7004 or NU7203) as well as the other education and research modules. Nursing and midwifery students who already hold a masters degree and who wish to be eligible to apply for registration as a RNT may be required to take an additional module (NU7004 or NU7203) if their masters degree is in a discipline other than nursing/midwifery.

Documentation required to complete application

- Contact details of 2 academic referees
- Copies of academic transcripts from completed educational courses
- Copies of official awards (parchment) from completed educational courses
- Written confirmation of teaching arrangements.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

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|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Catherine Tracey |
| Course Email | nichollh@tcd.ie , pgt.nursing.midw@tcd.ie |
| Course Tel | +353-1-896 2820 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course will prepare health and social care professionals in the delivery of universal primary care and is suitable for people who are currently either working in, or intend to work in community health and who are seeking an enhanced qualification for their career advancement. The purpose of the course is to enable students from across a broad spectrum of professional backgrounds to gain a grounded understanding of the core principles of public health and their application to the practice of community healthcare, and to increase graduates' employability in community health practice.

Admission Requirements

Applicants to the course will be required to hold a minimum 2.1 grade (second class honours) in a relevant primary degree in the applicant's field of practice; must have current registration with the relevant professions' regulatory body; those whose first language is not English will need a recognised English language qualification in line with the requirements as specified in the Postgraduate Calendar Part 3 Section 1.5 Language of Instruction.

Applicants without a primary degree, in exceptional circumstances when they are in a position to satisfy the Admissions Sub-committee that they have the ability to complete and benefit from the course, may be recommended for entry to the course following a thorough review of their individual qualifications and experience by the Admissions Sub-committee. Admission of such applicants will be subject to a special submission by the Admissions Sub-committee for consideration by the Dean of Graduate Studies

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Dementia (M.Sc. / P.Grad.Dip.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Michael Brennan |
| Course Email | brennami@tcd.ie |
| Course Tel | +353-1-896 3021 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This M.Sc. in Dementia has been developed, in partnership with National key stakeholders, to meet the demands and challenges within the health care system and specifically within dementia care. The programme is firmly grounded in a body of knowledge and clinical expertise that aims to promote excellence in the area of dementia care practice. It is also designed to provide academically robust education for the students and the various modules offered develop and complement subjects undertaken at degree or 'equivalent' level.

The programme offers an M.Sc./P.Grad.Dip. (exit only) with an optional practice component. Students must undertake six modules for the award of P.Grad.Dip. and seven modules and a dissertation (around 20,000 words) for the award of M.Sc.

Students will normally undertake the practice component in their own clinical area.

The modules are: Theory and Practice of Enquiry Methods for Healthcare; Ethics and Law in Health Care, or Clinical Practice Module; Ways of Understanding Dementia and Dementia Care; Critical issues in Assessment and Care Planning; Enhancing the Experience of Living with Dementia; Fundamentals of Palliative and End of Life Care; Dissertation.

Students are required to attend the university for one week in September, approximately 15 days in year 1 and approximately 10 days in year 2. Full time students are required to attend for two days per week throughout the academic year.

Admission Requirements

- Current registration on the appropriate division of NMBI live register
- Minimum of one year's professional experience in supporting persons with dementia within the past two years
- For the duration of the course all applicants are required to be working in an area where dementia care is delivered.
- Normally hold an honours degree in a relevant discipline, e.g. social, health or pastoral care. Candidates with relevant, and significant, experience as professional practitioners in the field of dementia care may be considered with a lower class degree or equivalent.
- Otherwise satisfy the selection panel that they will have the ability to complete and benefit from the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Dementia (P. Grad. Cert.) Online

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Dr Michael Brennan |
| Course Email | brennami@tcd.ie , pgt.nursing.midw@tcd.ie |
| Course Tel | +353-1-896 3021 |
| Next Intake | September 2017 |

This Post Grad Certificate in Dementia has been developed, in partnership with National key stakeholders, to meet the demands and challenges within the health care system and specifically within dementia care. The programme is firmly grounded in a body of knowledge and clinical expertise that aims to promote excellence in the area of dementia care practice. It is also designed to provide academically robust education for the students and the various modules offered develop and complement subjects undertaken at degree or 'equivalent' level.

The modules are:

- Ways of Understanding Dementia and Dementia Care
- Critical issues in Assessment and Care Planning
- Enhancing the experience of living with Dementia

Admission Requirements

Minimum of one year's professional experience in supporting persons with dementia within the past two years. For the duration of the course all applicants are required to be working in an area where dementia care is delivered. Normally hold an honours degree in a relevant discipline, e.g. social, health or pastoral care. Candidates with relevant, and significant, experience as professional practitioners in the field of dementia care may be considered with a lower class degree or equivalent. Otherwise satisfy the selection panel that they will have the ability to complete and benefit from the course. Nurses or midwives undertaking this course while based in Ireland must be currently registered on the appropriate division of the live register held by The Nursing and Midwifery Board of Ireland.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Gerontological Nursing (M.Sc. / P.Grad.Dip.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Ms Anna Ayton |
| Course Email | anna.ayton@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The aim of this course is to strengthen and develop the knowledge, skills and attitudes of nurses caring for the older adult. The course provides an advanced grounding in methods of research, in addition to developing the theoretical and practical aspects of management, clinical practice and education in gerontological nursing. This is a taught Masters programme with a major dissertation. The programme commences with one full study week followed by one study day per week or the equivalent throughout the academic year. A combination of assessment strategies is used to evaluate the learning outcomes for the programme.

Candidates for the course will be registered as a nurse with the Nursing and Midwifery Board of Ireland, or eligible for such registration, and will have a minimum of one year full-time or equivalent recent clinical nursing practice since first registration and hold an honours degree in Nursing Studies or equivalent or otherwise satisfy the course committee that they have the entry requirements necessary to complete and benefit from the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Mental Health (M.Sc. / P.Grad.Dip.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Dr Michael Brennan |
| Course Email | brennami@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course is run in partnership with The National Forensic Mental Health Service and is designed to enhance the collaboration between disciplines working with individuals with mental health problems. Students on this course will come from a variety of professions: nursing; medicine; occupational therapy; social work; An Garda Síochána; legal; psychology; probation and prison services.

Students on this programme are recognised as practising professionals with a resource of practice and educational skills and knowledge that will enhance their learning at this advanced stage of their personal and professional pathway. Each student is considered unique in life experiences, motivation for learning, learning style and scholastic ability. Throughout the programme a variety of student-focused teaching strategies is used, including co-operative learning, self-directed learning and experiential learning methods. Interdisciplinary sharing of knowledge and perspectives is encouraged and rewarded. Students' past experiences are valued and integrated as a rich source of reflection and learning. Feedback and support are tailored to meet the individual needs of the student. Students also have an opportunity to engage in shaping aspects of the educational programme.

Students are enabled to reflect, inquire, critique, problem solve, evaluate and debate professional and practice issues in an academically robust manner. Students are empowered to generate evidence that will improve practice and are guided and supported through that process. Graduates of this programme, in applying their learning, can be expected to provide high quality care, leadership and education and to promote and develop excellence in their practice setting. The student is viewed as an active participant with responsibility for his/her own learning and development. Hence, the curriculum is focused on a transactional model of education, which strives to be collegial in nature and promotes independent, self-directed learning and self-evaluation.

Child, Adolescent and Family strand of the MSc in Mental Health. Also, the Faculty of Health Sciences in conjunction with St Patrick's Hospital Mental Health Services is now offering an interdisciplinary strand in Child, Adolescent and Family as part of its taught Masters in Science in Mental Health programme. Students will come from a variety of backgrounds including nursing, medicine, occupational therapy, speech and language therapy, social work, psychology, psychotherapy, teaching and education services. The aim of this programme is to strengthen and develop the knowledge, skills and attitudes of the participants, thus enabling them to fulfil their highest potential in both their personal and professional lives.

The design of the course is such that it enhances the collaboration between disciplines working with children, adolescents and families with mental health problems. The programme is firmly grounded in a body of knowledge that aims to promote excellence in the participant's area of practice. It is designed to provide an academically robust education for the participants and the various modules offered develop and complement subjects undertaken at degree or 'equivalent' level.

This M.Sc. in Mental Health (Child, Adolescent and Family strand) offers the student two specialist modules in year one, a number of core modules shared with other MSc students, as well as clinical placements. The specialist modules are 'Child and Adolescent and Family Mental Health Interventions' and 'Theoretical and Evidenced Based Practices in Child, Adolescent and Family Mental Health.'

Students on this programme are recognised as practising professionals with a resource of practice and educational skills and knowledge that will enhance their learning at this advanced stage of their personal and professional pathway. Each student is considered unique in life experiences, motivation for learning, learning style and scholastic ability. Throughout the programme a variety of student-focused teaching strategies is used, including co-operative learning, self-directed learning and experiential learning methods. Interdisciplinary sharing of knowledge and perspectives is encouraged and rewarded. Students' past experiences are valued and integrated as a rich source of reflection and learning. Feedback and support are tailored to meet the individual needs of the student. Students also have an opportunity to engage in shaping aspects of the educational programme.

Students are enabled to reflect, inquire, critique, problem solve, evaluate and debate professional and practice issues in an academically robust manner. Students are empowered to generate evidence that will improve practice and are guided and supported through that process. Graduates of this programme, in applying their learning, can be expected to provide high quality care, leadership and education and to promote and develop excellence in their practice setting. The student is viewed as an active participant with responsibility for his/her own learning and development. Hence, the curriculum is focused on a transactional model of education, which strives to be collegial in nature and promotes independent, self-directed learning and self-evaluation.

All students register on the MSc course in the first instance. Students may choose to exit with a Postgraduate Diploma in Mental Health on successful completion of six modules. Students who successfully complete all the required elements of the M.Sc. course will be awarded an M.Sc. in Mental Health. The Child, Adolescent and Family strand of the MSc in Mental Health may only be taken over two years.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Midwifery (H.Dip.)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 18 months full time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Director | Denise Lawler |
| Course Coordinator | Kathryn Muldoon |
| Course Email | midwifery.info@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This course is taught by the School of Nursing and Midwifery, Trinity College Dublin in partnership with The Rotunda Hospital, Dublin and The Coombe Womens' Hospital, Dublin. The course is designed to develop midwives with the knowledge, skills and attitudes necessary to become competent, analytical and reflective practitioners, thus enabling them to provide care in a manner that benefits women and their families.

The course will consist of the following modules: Foundation Skills for Midwifery Practice, Sharing the Woman's Experience - Social Theory and Birth, Core Midwifery Practice and Adaptation in Pregnancy, Midwifery Practice: Pathophysiology and Unexpected Outcomes of Pregnancy and Childbirth, Midwifery Research - Evidence for Midwifery Practice, Lactation and Infant Feeding, Being a Midwife - Personal and Professional Development, and Bringing it all together. The programme also comprises a considerable amount of Midwifery Practice.

Admission Requirements

Applicants must satisfy the following minimum entry criteria:

- Must be a registered general nurse on the General Nurse Division of the register maintained by An Bord Altranais agus Cnáimhseachais na hÉireann (the Nursing and Midwifery Board of Ireland) and b. Currently on the Live Register maintained by An Bord Altranais agus Cnáimhseachais na hÉireann (the Nursing and Midwifery Board of Ireland). in partnership with The Rotunda Hospital, Dublin and The Coombe Women and Infants' University Hospital, Dublin, Health Promotion, and Being a Midwife – Personal and Professional Development. and c. and d. Have a relevant academic qualification, preferably to degree level and e. Satisfy the selection committee that they have the ability to complete and benefit from the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Midwifery (M.Sc. / P.Grad.Dip)

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|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Caitriona Nic Philibin |
| Course Email | c.nicphilibin@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The aim of this course is to strengthen and develop the knowledge and skills of participants. The course covers the theory of practice, education, administration and research, and commences with one full study week followed by one study day per week or the equivalent throughout the academic year. There is a written assessment associated with each module of the course. In addition, successful completion of a research dissertation is a requirement in order to achieve the award of M.Sc. Midwifery.

Admission Requirements

- Registration as a midwife with An Bord Altranais agus Cnáimhseachais na hEireann (the Nursing and Midwifery Board of Ireland (NMBI)).
- A minimum of one year full-time recent clinical midwifery practice or equivalent since registration as a midwife and
- An honours degree in midwifery or a related discipline or equivalent professional and academic qualification or
- Otherwise satisfy the course committee that they have the ability to complete and benefit from the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Nursing (M.Sc.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Course Coordinator | Ms Caitriona NicPhilibin |
| Course Emails | cnicphil@tcd.ie |
| Course Tel | +353-1-896 2691 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The programme seeks to enable registered nurses to acquire the sophisticated knowledge, skills and decision-making abilities necessary to practice in dynamic healthcare environments. It is intended that graduates of this programme will be equipped to become leaders in their respective disciplines and to enhance nursing practice through their advanced research and critical thinking skills. On completion of this course participants will be able to:

- Strengthen and develop their expertise in their area of practice through the use of enhanced knowledge, reflective skills and research-based practice.
- Devise, implement, and evaluate methods for improving the quality of nursing care and /or nurse education provided in Ireland.
- Exercise administrative and intellectual leadership in their profession and the disciplines contained within.
- Extend their skills in the critical evaluation of research reports and plan, conduct and evaluate research studies.

Course Duration and Structure: The programme takes place over two years on a part-time basis or one year on a full-time basis. A blended learning approach is utilised in the delivery of theoretical content, including lectures, group discussion, Blackboard and self-directed learning. The assessment process used is a combination of written and online assessments.

Admission Requirements

- Registration as a nurse with the Nursing and Midwifery Board of Ireland or in the case of international applicants, be registered as a professional nurse who is entitled to practice as a qualified or registered nurse in their own country.
- An honours degree in nursing or a related discipline or equivalent professional and academic qualification.
- Or otherwise satisfy the course committee that they have the ability to complete and benefit from the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az. Documentation required to complete application includes: contact details of 2 academic referees; copies of academic transcripts from completed educational courses and copies of official awards (parchment) from completed educational courses.

Nursing (Nursing / Midwife Prescribing) (Certificate)

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|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Course Coordinator | Ms Frances Ryan |
| Course Email | ryanfr@tcd.ie |
| Course Tel | +353-1-896 3925 / 3892 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This Certificate in Nursing (Nurse/Midwife Prescribing) aims to equip nurses and midwives with the requisite knowledge, skills and competence to prescribe medicinal products safely and effectively. Upon successful completion of this course, the graduate will be eligible to apply to An Bord Altranais (ABA) for registration as a Registered Nurse Prescriber. The course is composed of three modules: Developing the Professional Role; Prescribing Medicinal Products and Physical Assessment.

Each module has 10 ECTS credits and each requires students to carry out clinical practicum, attend Trinity-based theory lectures and follow the course material by the e-learning method. Students are required to attend the university for approximately 10 days over the course of the year. In addition there is requirement for 12 days clinical exposure.

To be awarded a Certificate, a student must successfully complete all three modules to the value of 30 ECTS.

The course will be assessed using a variety of assessment methods, including examination, written assignment, Observed Structured Clinical Examination (OSCE) and a clinical portfolio which includes the completion of three independent Objective Structured long Examination Records and a case presentation.

Admission Requirements

Each applicant must meet all three types of criteria namely professional, academic and clinical as follows:

Professional – Have an active registration with ABA: applicants must be registered in the General, Psychiatric, Children's, Intellectual Disability, Midwifery or Public Health Nurse divisions of the active register maintained by An Bord Altranais and have a minimum of three years post registration clinical experience during the last 5 years with at least one year full time experience in the specific area of practice.

Academic – Possess competencies recognised at Level 8 of the National Framework of Qualifications (for example a higher diploma or an honours degree) and demonstrate evidence of further post registration education (for example completion of An Bord Altranais category I or II courses or other postgraduate courses)

Clinical Practice Experience – Be employed in a clinical area that is approved by the course team and satisfy An Bord Altranais Requirements and Standards; submit a written commitment from their host organisation supporting the applicant for the clinical practicum. A Site Declaration Form signed by the Director of Nursing/Midwifery/Public

Health Nursing (or relevant nurse/midwife manager) must be submitted with the entry application; Submit a written confirmation from a medical practitioner who has agreed to act as a mentor for the required term of supervised practice (this mentor should also sign the Site Declaration Form) and have access to computer facilities including email and internet, and be familiar with information technology in particular email and internet use.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Nursing (Specialist Nursing) (M.Sc. / P.Grad. Dip.)

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|----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Course Co-ordinator | Dr Fintan Sheeran |
| Course Email | pgt.nursing.midw@tcd.ie |
| Course Tel | +353-1-896 3753 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The aim of these courses is to facilitate registered nurses currently practising in specialist areas to develop further their knowledge and skills, enabling the delivery of evidence-based specialist nursing care. as members of the multidisciplinary team and to contribute to the attainment of excellence in health care.

The course consists of six modules: three specialist, one clinical practicum and two core modules in the areas of research and management.

Students must pass all modules in order to achieve the Postgraduate award and progress to the second year of the MSc programme during which they complete a dissertation. Students may opt to exit at the end of year one and be awarded a Postgraduate Diploma. If all elements of the course have been passed the student has the option to return to undertake year two within four years.

The specialist courses are taught in partnership between the School of Nursing and Midwifery and the associated Health Service Providers. Please find below the list of specialist nursing strands currently offered: Cardiovascular; Cancer Care and Haematology Nursing; Emergency Department Nursing; Intensive Care; Orthopaedics; Perioperative Care; Renal.

Admission Requirements

Admission to the strand will be subject to place availability. The entry criteria for the strands are: Current registration on the appropriate nursing division of the Nursing and Midwifery Board of Ireland Active Register.

1. A minimum of two years post-registration clinical experience since first registration.
2. A minimum of one year experience in the specialty at the time of application.
3. Candidates must also hold an honours degree in nursing or a related discipline or equivalent professional and academic qualification or satisfy the selection committee that they have the academic ability to successfully complete the programme.
4. Additional criteria may be required by individual Health Service Providers.
5. Each student will be engaged in specific practice settings relevant to the specialist area for the duration of the programme of study.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Nursing – Child Health and Wellbeing (M.Sc./P.Grad.Dip)

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|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Course Coordinator | Caitriona Nic Philibin |
| Course Emails | cnicphil@tcd.ie |
| Course Tel | +353 1 896 3015 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The aim of the MSc in Nursing - Child Health and Wellbeing is to provide a solid academic base to the understanding and development of nursing practice in the area of child health and illness. The strand will strengthen and develop the knowledge, skills, competencies and attitudes of the participants, thus enabling them to fulfill their highest potential in the personal, professional and practice arena of children's health. The strand will provide 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. It is anticipated that graduates of this strand, in applying their learning, will be enabled to promote and develop excellence in children's illness, child health and wellbeing in primary, secondary and tertiary health care services. On completion of this course, participants will be able to:

- Identify and critically analyse alternative philosophies, perspectives and approaches that inform best practice in children's health and wellbeing
- Discuss the national and international context of child health and wellbeing
- Identify and discuss the contemporary challenges in health and wellbeing for children within an Irish context
- Critically discuss the development and delivery of high quality effective services to promote the physical, social, financial and emotional needs of children and their families
- Utilise their professional expertise care provision for children and their families through the application of enhanced knowledge, reflective skills and research-based evidence
- Differentiate the distinct contribution of team members in an interprofessional models of care including ambulatory and community care delivery to children and their families
- Critically appraise research evidence underpinning child health and wellbeing practices and theoretical frameworks
- Identify, plan, design and undertake a research study relevant to your area of practice
- Identify, lead, conduct, disseminate and evaluate research which advances excellence in children's health care practice in local, national/international contexts
- Contribute to local, national and international policy development and its translation into practice.

Admission Requirements

Current registration as a nurse with the Nursing and Midwifery Board of Ireland, or in the case of international applicants for theory only strands, be registered as a professional nurse who is entitled to practice as a qualified or registered nurse in their own country; hold at least an honours degree in nursing or otherwise satisfy the course committee that they have the ability to complete and benefit from the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az and the following documentation is required to complete an application: contact details of 2 academic referees; copies of academic transcripts from completed educational courses and copies of official awards (parchment) from completed educational courses.

Palliative Care (M.Sc. / P.Grad. Dip.)

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|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Course Emails | connaik@tcd.ie , PGT.Nursing.Midw@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This M.Sc. in Palliative Care is open to a wide range of professionals who have experience in delivering a palliative care approach within practice within the last two years. The aim of this inter-disciplinary course is to provide an opportunity for students to develop a comprehensive academic and evidence based approach to their practice and to critically explore and critique palliative care service provision. For the duration of the course| students need to be employed in an area where the principles of palliative care are operationalized when caring for individuals with life threatening illness and their families.

Admission Requirements

Candidates for the course must have a minimum of one year's experience in delivering a palliative care approach within practice within the last two years| and for the duration of the course| be employed in an area where the principles of palliative care are operationalized when caring for individuals with life threatening illness and their families. Hold an honors degree in a health professional or related subject area. Or otherwise satisfy the selection panel that they have the ability to complete and benefit from the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Specialist Practice (P.Grad.Cert.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year part-time |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

This P.Grad.Cert. in Specialist Practice programme has been developed, in partnership with associated health service providers, to meet the demands and challenges within the health care system and specifically within specialist care. The programme is firmly grounded in a body of knowledge and clinical expertise that aims to promote excellence in the area of specialist care practice. It is also designed to provide academically robust education for the students and the various modules offered develop and complement subjects undertaken at degree or 'equivalent' level.

Students must accumulate 30 ECTS and successfully complete three modules for the award of P.Grad.Cert. in Specialist Practice. Students who successfully complete the P.Grad.Cert. in Specialist Practice without compensation are eligible for entry to the relevant M.Sc./P.Grad. Dip. programme.

The modules are each worth 10 ECTS and are:

Interdisciplinary Dementia:

1. Ways of Understanding Dementia and Dementia Care
2. Critical Issues in Assessment and Care Planning
3. Enhancing the Experience of Living with Dementia

Interdisciplinary Mental Health – Psychosocial Interventions

1. Deconstructing Theoretical Perspectives on Human Distress
2. Working with People Who Experience Psychosis or Related Experiences
3. Inter-Professional Family Work

Interdisciplinary Mental Health:

Deconstructing Theoretical Perspectives on Human Distress and a choice of two of the following: Advancing Therapeutic Engagement Skills; Interface Between Mental Health and Criminal Justice; Working with People Affected by Eating Disorders; Suicide, Suicidal Behaviour and Self-harm; Promoting Equality, Citizenship and Social Inclusion for users of the Mental Health Services; Working with People Who Experience Psychosis or Related Experiences; Inter-Professional Family Work

Interdisciplinary Palliative Care:

1. Palliative Care Philosophy: Concepts and Debates
2. Palliative Approaches to Pain and Symptom Management
3. Psychosocial, Spiritual and Therapeutic Issues in Palliative Care

Interdisciplinary Palliative Care:

1. Advancing Gerontological Nursing Practice
2. Promoting Health and Well Being with the Older Person
3. Gerontological Nursing: Concepts and Practice

Nursing Specialist – Emergency:

1. Nursing Management of Medical Emergencies
2. Nursing Management of Medical, Paediatric and Mental Health Emergencies
3. Management of Surgical Emergencies and Trauma Nursing

Nursing Specialist – Intensive Care:

1. Principles of Intensive Care Nursing
2. Management of the Critically Ill Adult 1
3. Management of the Critically Ill Adult 2

Nursing Specialist – Cardiovascular:

1. Introduction to the Nursing Management of a Cardiovascular Patient
2. Advanced Nursing Management of a Patient with Electro-Physiological Dysfunction
3. Advanced Nursing Management of a Patient with Cardiovascular Dysfunction

Nursing Specialist – Renal:

1. Nephrology Nursing
2. Transplant and Peritoneal Dialysis Nursing
3. Haemodialysis and Allied Therapies Nursing

Nursing Specialist – Cancer Care and Haematology:

1. Cancer and Haematology Nursing
2. Psychosocial Issues in Haemato-Oncology Nursing
3. Haemato-Oncology Nursing

Nursing Specialist – Peri-Operative:

1. Principles of Perioperative Nursing
2. Peri-Operative Department Management
3. Nursing Management of the Perioperative Patient

Nursing Specialist – Orthopaedic:

1. Applied Science and Principles of Orthopaedic Nursing
2. Principles of Trauma Orthopaedic Nursing
3. Principles of Elective Orthopaedic Nursing

Admission Requirements

Specialist Nursing strand: Admission to the strand will be subject to place availability. The entry criteria for this strand are: current registration on the appropriate nursing division of the Nursing and Midwifery Board of Ireland Active Register; two years post-registration clinical experience since first registration; twelve months experience (within the last two years) in the specialty in Ireland at the time of application. Candidates must also fulfil one of the following criteria: an honours degree in nursing or a related discipline or equivalent professional and academic qualification or satisfy the selection committee that they have the academic ability to successfully complete the programme; Each student will be engaged in specific practice settings in Ireland relevant to each individual strand for the duration of the programme of study; Additional criteria may be required by individual Health Service Providers.

Admission Requirements Gerontological Nursing strand:

The candidate must satisfy all of the following criteria: be

registered as a nurse on the live register with Nursing and Midwifery Board of Ireland and; be working in an area where gerontological nursing care is delivered in Ireland for the duration of the course; have a minimum of one years full-time clinical nursing practice or equivalent recent clinical nursing practice since first registration and hold an honours degree in nursing studies or equivalent or otherwise satisfy the course committee that they have the ability to complete and benefit from the course.

Admission Requirements Interdisciplinary – Mental Health incl the Psychosocial Interventions strand: be currently working in mental health/mental illness field; and normally hold an honours degree in a relevant discipline; or otherwise satisfy the selection panel that they have the ability to complete and benefit from the programme.

Note, this strand is open to a wide range of professionals. Nurses undertaking this strand must have current registration on the appropriate division of the Nursing and Midwifery Board of Ireland live register.

Admission Requirements Interdisciplinary – Mental Health –Child, Adolescent and Family strand: be currently working in child, adolescent and family mental health services; and be currently employed in the area of mental health/mental illness/child, adolescent and family services and have Garda clearance for working with children and adolescents and normally hold an honours degree in a relevant discipline; or otherwise satisfy the selection panel that they have the ability to complete and benefit from the programme.

Note, this strand is open to a wide range of professionals. Nurses undertaking this strand must have current registration on the appropriate division of the Nursing and Midwifery Board of Ireland live register.

Admission Requirements Interdisciplinary – Palliative Care strand: For the duration of the course, candidates must be employed in Ireland in an area where the principles of palliative care are operationalised when caring for individuals with life threatening illness and their families; have a minimum of one years clinical experience in palliative care practice within the last 2 years and hold at least an upper second-class honors degree in a health professional or related subject area. Candidates with relevant, and significant experience as professional practitioners in the field of palliative care may be accepted with a lower class degree (2.2 or 3), provided that they can satisfy the selection panel that they have the ability to complete and benefit from the course.

Note, this strand is open to a wide range of professionals. Nurses undertaking this strand must have current registration on the appropriate division of the Nursing and Midwifery Board of Ireland live register. Please visit the Nursing and Midwifery Board of Ireland website for information on registering as a nurse or midwife in Ireland.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

School of Pharmacy and Pharmaceutical Sciences

| | |
|-----------------------------------------------------------|--------------------------------------------------------------|
| Head of School | Professor Anne Marie Healy |
| Director of Teaching & Learning (Postgraduate) | Professor John Gilmer |
| Telephone | +353-1-896 2809 |
| Email | pharmacy@tcd.ie |
| Web | www.pharmacy.tcd.ie |

The School of Pharmacy is the longest established centre for pharmaceutical education in Ireland with postgraduate degrees by research having been offered by the School at Trinity College Dublin since 1977. The School is located at the East End of the TCD campus in a purpose-built facility, the Panoz Institute.

Research Programmes

The School of Pharmacy and Pharmaceutical Sciences staff members are improving the lives of people through insights and discoveries that relate to medications and health. The School has gained national and international recognition for its cutting edge research and has made outstanding research contributions in the following fields:

- Advanced Drug Delivery: including oral, respiratory drug delivery; new technologies such as nanoparticles and liposomes; interactions between drug delivery systems and cell culture models
- Allergy novel anti-allergy compounds
- Clinical Pharmacokinetics
- Drug Design and Discovery: anti-cancer medicinal chemistry and novel antibiotics; in silico design of new drugs; in silico high throughput screening for drug discovery
- Drug Targeting and Transport: including anti-cancer drug targeting, drug transport across epithelial barriers of the lung, gastrointestinal tract and the eye; high performance computer applications in drug delivery system design in vitro and in vivo
- Inflammatory Bowel Diseases
- Pharmaceutical Nanoscience
- Natural Products
- Neuropharmacology : aging diseases and therapies; antidepressants and drugs of abuse
- Platelets
- Pharmacy Practice : pharmaceutical care and continuous improvement of practice standards; healthcare policy and service delivery; health promotion in primary care, hospital pharmacy and drug use in hospitals

These programmes are aligned with College's strategic plan in the major thematic areas of pharmaceutical nanoscience and technology, immunology and inflammation, cancer research and neuroscience.

As well as involvement in the above programmes, academic staff have active research projects at M.Sc. and Ph.D. level in the traditional pharmacy disciplines: Pharmaceutics & Pharmaceutical Technology, Pharmaceutical Chemistry, Pharmacology, Pharmacognosy and Practice of Pharmacy (See www.pharmacy.tcd.ie). Collaborative research is also ongoing with other academic and industry groups, both at national and international levels. In addition, Staff contribute to integrated postgraduate taught M.Sc./Diploma courses which are formulated in the context of European and international curriculum strategies (see M.Sc./P.Grad.Dip. in Pharmaceutical Analysis, M.Sc. in Hospital Pharmacy, M.Sc./P.Grad.Dip. in Community Pharmacy, M.Sc./P.Grad.Dip. in Pharmaceutical Technology, M.Sc./P.Grad.Dip. in Pharmaceutical Manufacturing Technology; M.Sc. in Neuroscience).

In exceptional circumstances it may be possible to register retrospectively. Applicants wishing to be considered for retrospective admission should contact the Graduate Studies Office by emailing research.admissions@tcd.ie

Community Pharmacy (M.Sc. / P.Grad.Dip.)

March 2017 Entry

- Doctor in Philosophy, Pharmacy and Pharmaceutical Sciences (Part-Time)
- Doctor in Philosophy, Pharmacy and Pharmaceutical Sciences (Full-Time)
- Master in Science in School of Pharmacy and Pharmaceutical Sciences (Part-Time)
- Master in Science in School of Pharmacy and Pharmaceutical Sciences (Full-Time)

September 2017 Entry

- Doctor in Philosophy, Pharmacy and Pharmaceutical Sciences (Part-Time)
- Doctor in Philosophy, Pharmacy and Pharmaceutical Sciences (Full-Time)
- Master in Science in School of Pharmacy and Pharmaceutical Sciences (Part-Time)
- Master in Science in School of Pharmacy and Pharmaceutical Sciences (Full-Time)

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Asst. Prof Sheila Ryder |
| Course Email | sryder@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

These courses are intended to help community pharmacists to develop their clinical, managerial and research skills, meet duties imposed by the HSE contract, undertake the role of a supervising pharmacist or superintendent pharmacist with confidence, extend their professional role and contribute to patient care as part of the primary health care team. Because of their distance learning format, participants can continue in full-time employment throughout the courses.

Participants initially enter at M.Sc. level, and in Year 2 they may choose either to graduate with a Postgraduate Diploma in Community Pharmacy or to undertake a research component with a view to gaining a M.Sc. in Community Pharmacy.

Course Content

Core material comprises a series of modules covering clinical, social and business aspects of pharmacy practice, with opportunities for specialisation in particular fields. Pharmacists undertaking the M.Sc. complete an additional module on research methods and perform a research project relevant to community pharmacy practice.

Admission Requirements

Applicants must be registered or entitled to apply for registration as a pharmacist with the Pharmaceutical Society of Ireland and currently be employed (full-time/part-time) in community pharmacy. Two references are required upon application: either two academic references or one academic and one work-related reference.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Hospital Pharmacy (M.Sc.)

| | |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Closing Date Details | www.tcd.ie/courses/postgraduate/az |
| Course Coordinator | Ms Niamh McMahon |
| Course Email | nmcmahon@stjames.ie |
| Next Intake | January 2018 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The M.Sc. in Hospital Pharmacy consists of a practice-based teaching programme complemented by lectures, tutorials and workshops. The course provides students with the knowledge and skills necessary to undertake all aspects of hospital pharmacy. Subjects covered include medical and surgical therapeutics, medicines information, pharmacoconomics, purchasing skills, good manufacturing practice and aseptics, immunology and biotechnology. Management issues as they relate to hospital pharmacy and the broader context of healthcare systems are also addressed. Coursework is underpinned by a comprehensive practice-based element where students rotate through a variety of specialist areas to ensure that broad, practical experience is obtained in such areas as medicines information, dispensary, aseptic compounding and clinical specialities. Assessment is on a continual basis through formal examinations, written assignments, oral presentations and competency-based assessments. Students are required to undertake a research project and must demonstrate research competency. Research and methodological skills are addressed in a dedicated module that also covers an introduction to statistical evaluation. This is a two-year, part-time course with lectures and tutorials taking place on one half day per week in central locations. Courses are conducted on a biennial basis.

Admission Requirements

Eligible candidates must hold a first or second-class honors (upper division) degree in pharmacy, have experience working in hospital pharmacy practice and be registered (or eligible to be registered) with the Pharmaceutical Society of Ireland prior to the January start date. Please note that for applications to this course two references are required; one academic and one non-academic. Please note that some students will have to attend interviews in order to compete for clinical placements.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Pharmaceutical Manufacturing Technology (M.Sc. / P.Grad. Dip.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 2 years part-time |
| Course Coordinator | Lorna Loughrey |
| Course Email | dippmt@tcd.ie |
| Course Tel | +353-1-896 2811 |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The Masters course is presented in a distance learning form and extends over two years. Applicants are expected to be employed in the pharmaceutical industry or with a pharmaceutical regulatory authority at the time of their application or to have previously worked in the industry.

Course content is specified in Human and Veterinary Directives 2001/83/EC and 2001/82/EC. Participants receive nine module books in each year of the course. The general areas covered are: pharmaceutical, medicinal and analytical chemistry; pharmaceutical processing and drug action, uses and assessment. Participants must also undertake a number of manufacturing facility visits. The taught component (Postgraduate Diploma) is recognised by the Irish Medicines Board as fulfilling the educational requirements related to registration as a Qualified Person (Note: applicants with a three-year primary degree must qualify with a M.Sc. to fulfil the educational requirements related to registration as a Qualified Person). Please note this course commences in January.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az. A Curriculum Vitae must be submitted for your application to be considered and applicants are not required to complete the Personal Statement section of the application form, please enter 'Not Applicable' in this section.

Pharmaceutical Sciences (M.Sc. / P.Grad. Dip.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time, 2 years part-time |
| Course Director | Dr John F Gilmer |
| Course Email | gilmerjf@tcd.ie |
| Next Intake | September 2017 |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The course involves a comprehensive treatment of the science and technology of pharmaceutical analysis with particular emphasis on the regulatory environment in which the pharmaceutical industry operates. It is intended for suitably qualified graduates currently working in or aspiring to work in the pharmaceutical industry – in particular non-pharmacy graduates employed in quality control or quality assurance roles requiring specialised training, retraining or upgrading of skills. The course may also be attractive to technical managers in regulatory affairs, product development and other related areas. The objective is to equip graduates with the appropriate analysis skills required by the pharmaceutical and veterinary manufacturing industries.

The course is available for full-time study over one calendar year or part-time over two years and consists of lectures, workshop and laboratory work. Part-time teaching is normally scheduled for Fridays during academic terms. The course comprises lectures, workshops, seminars, laboratory work, written assignments and factory visits. In addition each student must write a major essay on a designated topic in the area of pharmaceutical analysis. Students proceeding to a M.Sc. degree will be required to undertake a research project and present a detailed scientific report at the end of the course.

The course consists of eight basic modules: regulatory aspects of pharmaceutical analysis, statistics, GLP chromatographic analysis, spectroscopic and physical methods of analysis, pharmacopoeial methods of drug analysis, analysis of low level drug analysis, specialized pharmaceutical methods of analysis, biological and pharmacological methods and pharmaceutical formulation.

The taught modules are supported by lectures and workshops on presentation and research skills and visits to industrial laboratories. The course is taught mainly by College staff, although there is a contribution from specialist visiting lecturers. The research project may be conducted either in the School of Pharmacy or at the student's place of employment but in either case supervision is exercised by a member of the School of Pharmacy academic staff.

Overall assessment of candidates is based on tutor marked assignments (TMAs) during the course work and written examinations in May/June each year. Credits are available for all assignments including laboratory reports. The M.Sc. project report should be of 20,000 words and is examined in September. Candidates must successfully complete the taught component of the course at the Trinity term examinations, before proceeding to the M.Sc. project.

Provision is available for a supplemental examination in September each year if required. A reasonable attempt is required in all aspects of the examination process. A pass mark of 40% is normally required but compensation is applied where appropriate.

Admission Requirements

Applicants are accepted, subject to the availability of places, from holders of honors degrees in a relevant Science discipline (e.g. Pharmacy, Chemistry, Analytical Chemistry, Microbiology, Biochemistry, Pharmacology and other appropriate primary honors degrees e.g. I.T., Medicine or Veterinary). Equivalent primary and/or postgraduate qualifications are considered, particularly with relevant professional experience. Applications will be evaluated by the Course Director in consultation with the Course Committee and Dean of Graduate Studies as appropriate.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az

Pharmaceutical Technology (M.Sc. / P.Grad. Dip.)

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Duration | 1 year full-time |
| Course Coordinator | Dr Lidia Tajber |
| Course Email | lidia.tajber@tcd.ie |
| Course Information | www.tcd.ie/courses/postgraduate/az |

The main aim of the course is to give students currently working or intending to work in the human and veterinary pharmaceutical industries an understanding of the fundamentals of pharmaceutical technology relevant to product formulation, development and production. In addition to theoretical knowledge, graduates are equipped with practical experience and research methodology that enables them to become involved in research and development in these areas.

Admission Requirements

Applications are accepted from graduates who hold a good honors degree in a relevant science discipline, hold an equivalent qualification with relevant professional experience or otherwise satisfy the course admission committee that they have the ability to succeed and benefit from the course.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az



The Innovation Academy

The Innovation Academy is an exciting intellectual space that nurtures creativity and innovative thinking in postgraduate students.

Our mission is to develop a new kind of PhD graduate, with a thorough understanding of how innovation can convert knowledge into products, services and policies for economic, social and cultural benefit.

We offer an intensive programme of workshops, seminars, design thinking challenges and innovative team projects. Students work in a fun and transformative learning environment that is designed around the practical and transferable skills necessary for successful research and employment.

Postgraduate Certificate in Innovation & Entrepreneurship (30 ECTS)

Email innovation.academy@tcd.ie
Information www.tcd.ie/innovation/education

This is a flexible, transferrable skills-based programme aimed at enhancing research competence and employability of graduate students.

The programme has a flexible structure, allowing students to work toward the award of a Postgraduate Certificate across several years. Modules can be taken on a part-time or full-time basis and are offered throughout the academic year in partnership with Queen's University Belfast.

The Postgraduate Certificate adds an interdisciplinary dimension to students' experience by placing them in multidisciplinary teams to work on various creative design and funding challenges.

Students take part in workshops, seminars, practical challenges, design thinking and innovation projects. There is an intensive, experiential programme with the aim of introducing students to creative thinking within teams and the basic concepts of innovation.

We also promote engagement across academic and industry boundaries as a means of knowledge exchange through multidisciplinary innovation projects. It's a mix that is conducive to creativity and innovation, and develops transferable skills such as project management, leadership and research communication.

Innovation In Its Broadest Sense

At the Academy, innovation is taken in its broadest sense, encompassing the creative arts, social entrepreneurship, engineering, technology and business. Our programmes are delivered by academic staff drawn from diverse disciplines, who are active in the area of innovation and entrepreneurship, as well as senior advisors and practitioners in public and private sector organisations in Ireland and internationally.

Disclaimer

All information is accurate at the time of printing. Changes of courses, options, fees and dates may occur between printing and September 2017. In addition, factors such as the unexpected unavailability of staff, or a level of application below that which is minimally required to allow a course to run, may make it practically impossible, or prohibitively expensive for the University to offer an option listed in this publication. Any offer of a place made to you is subject to your consenting to the incorporation of this notice as a term of any such offer.

**Trinity College Dublin,
the University of Dublin**

College Green, Dublin 2, Ireland
T +353 (0)1 896 4500
www.tcd.ie/study



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin