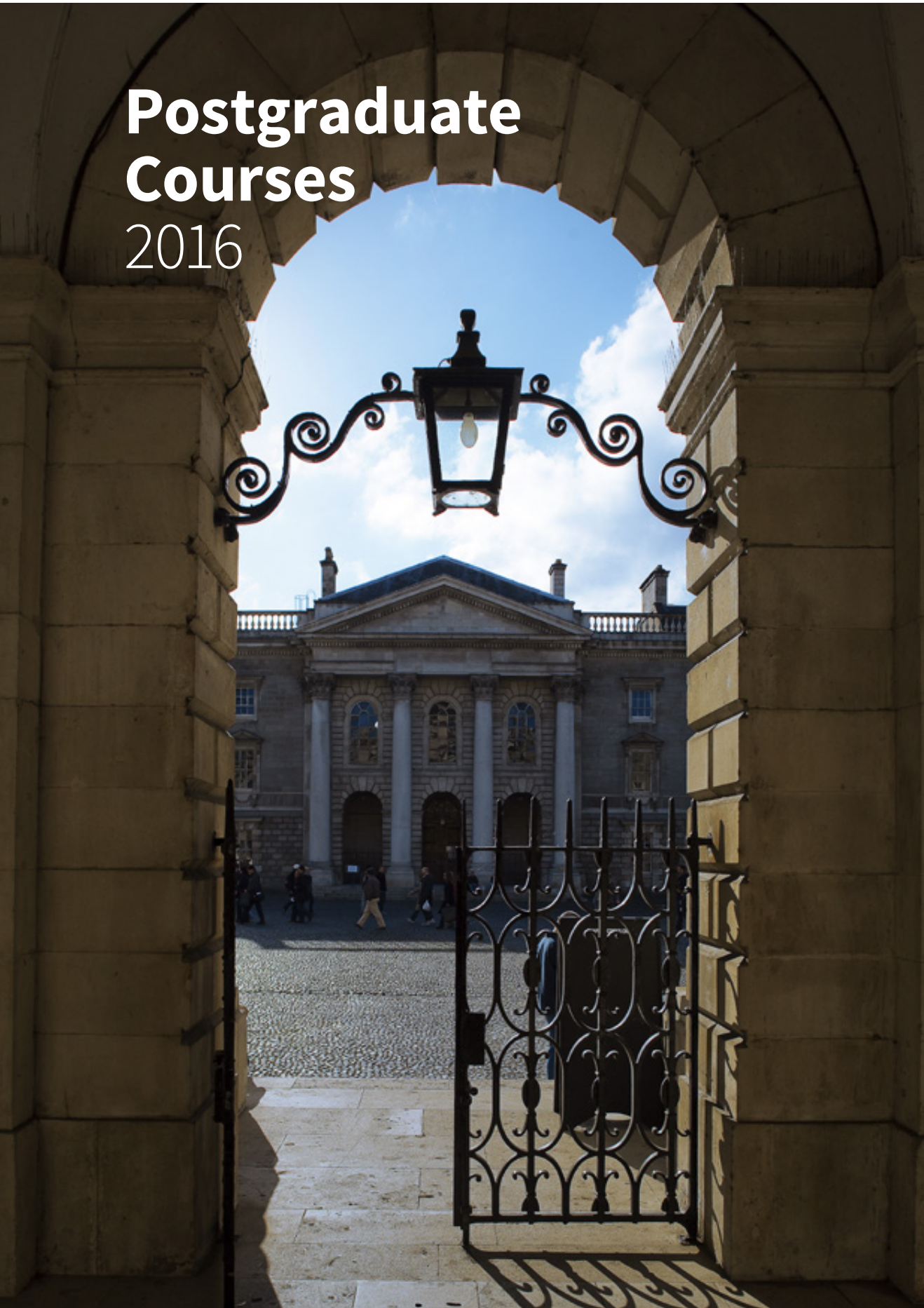




Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Postgraduate Courses 2016



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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 innovation and research.

While our campus dates back over four hundred years, our research facilities and institutes sit right in the twenty first century. The university has research strengths that span the Sciences, Medicine, Engineering, Business, Arts and Humanities, a spectrum that is mirrored by our broad range of taught postgraduate courses and research opportunities at master's and doctorate level.

Our inspiring professors are global leaders in their fields, and they work alongside students 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 courses offered; these include the Postgraduate Diploma/MSc in Applied Social Studies Postgraduate Certificate in Dementia, Postgraduate Diploma in Advanced Radiotherapy Practice and Postgraduate Certificate in Clinical Exercise, all delivered online. 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.

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

Professor Aideen Long, 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 2014).

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.

Trinity continues to educate innovative thinkers with the independent and critical-thinking skills that are valued by employers.

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/virtualltour

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.
- The Hamilton Restaurant.
- 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 IS Services Helpdesk on campus and via e-mail and phone

Find out more at www.isservices.tcd.ie/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.



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
- **Institute of Molecular Medicine** www.tcd.ie/imm
- **Centre for Global Health**
www.global-health.tcd.ie
- **Centre for Medieval and Renaissance Studies**
www.tcd.ie/medieval_renaissance
- **Centre for Non-profit Management**
www.cnm.tcd.ie
- **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)

These 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



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School of Business

Head of School	Professor Andrew Burke
Director of Teaching & Learning (Postgraduate)	Professor Frank Barry
Telephone	+353-1-896 1027
Email	valerie.mccarthy@tcd.ie
Web	www.tcd.ie/business/doctoral/index/

School Description

Trinity's School of Business is recognised for its unique and innovative degree programmes, commitment to research-based teaching, internationalism, strong relationships with Irish and global organisations 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 organisations. 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

The School of Business 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 the School of Business 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 Ph.D. degree.

Please note that prior to submitting an electronic application, all applicants should ensure that they have met the specific programme requirements laid down by the School of Business.

Applicants should consult the School of Business website (www.tcd.ie/business/doctoral/index/) for further information about the School and how to apply to the Research Degree Programme (<https://www.tcd.ie/business/research-degree-programme/application/>).

Management (M.Sc.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Padraic Regan
Course Administrator	Ms Elaine Shanshan Su
Course Email	business.masters@tcd.ie
Course Tel	+353-1-896 2629
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The M.Sc. 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 9 core taught modules, 3 elective taught modules, and a dissertation module. An indicative list of modules can be obtained from the course website: www.tcd.ie/business/masters/. 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

Finance (M.Sc.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Aleksandar Sevic
Course Administrator	Ms Elaine Shanshan Su
Course Email	business.masters@tcd.ie
Course Tel	+353-1-896 2629
Next Intake	September 2016
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 M.Sc. Finance is accredited by the Chartered Financial Analyst (CFA) Institute; the Professional Risk Managers' International Organisation (PRMIA); 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 a set of 12 taught modules (6 of which are compulsory and 6 of which are chosen from an extensive range of electives) 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.

Students will choose modules from a list while other modules will be compulsory. An indicative list of modules can be obtained from the course website: www.tcd.ie/business/masters/finance/structure

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 Administrator	Ms Elaine Shanshan Su
Course Email	business.masters@tcd.ie
Course Tel	+353-1-896 2629
Next Intake	September 2016
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 <http://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 8 core taught modules, 4 elective taught modules, and a dissertation module. An indicative list of modules can be obtained from the course website: <https://www.tcd.ie/business/masters/risk-management/structure/>. 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 Director	Ms Mary Keating
Course Administrator	Ms Elaine Shanshan Su
Course Email	business.masters@tcd.ie
Course Tel	+353-1-896 2629
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

Course Details

If you want to develop the skills that are needed to lead and manage in complex business environments, then this course is for you. We have designed and re-designed this course to help our students maximise their career potential, and the extraordinary success of our graduates is proof that we've got the balance right. We prepare our students for a business environment that is experiencing rapid economic and technological change, increasing cultural diversity, institutional integration and globalisation. 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 specialisation, you can choose 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

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

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Administrator	Mr Eoghan O'Sullivan
Course Email	business.masters@tcd.ie
Course Tel	+353-1-896 4867
Next Intake	September 2016
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 of 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. Our professor Dr Mairead Brady co-authors on a leading marketing textbook with world renowned marketing guru, Philip Kotler.

The course comprises 8 core taught modules, 4 elective taught modules, and a dissertation module. An indicative list of modules can be obtained from the course website: <https://www.tcd.ie/business/masters/marketing/structure/>. 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

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 Director	Mr Michael Flynn
Course Administrator	Mr Rory Carrick
Course Email	trinitymba@tcd.ie
Course Tel	+353-1-896 1024
Next Intake	September 2016
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 organisation 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 organisations) 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 Administrator	Ms Elaine Shanshan Su
Course Email	business.masters@tcd.ie
Course Tel	+353-1-896 2629
Next Intake	September 2016
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 12 core taught modules. An indicative list of modules can be obtained from the course website: <https://www.tcd.ie/business/masters/postgrad-dip-accounting/structure/>. The course is assessed based on a combination of assigned coursework, written examination, and a dissertation.

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 Drama, Film and Music

Head of School	Professor Brian Singleton
Director of Teaching & Learning (Postgraduate)	Dr Ruth Barton
Telephone	+353-1-896 1715 / 2961
Web	www.tcd.ie/drama-film-music

The School of Drama, Film & Music comprises the Schools of each of the three disciplines in the title. There are 16 full-time academic members of staff and currently 35 research students (M.Litt. & Ph.D.) in the School. The School enjoys an international reputation for its research activities and achievements.

Research Programmes

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 digital cultures. 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.

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. If you are applying for Film, please use the Drama pathway link. 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 2016 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 2016 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 2016
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. From the outset, questions of history, theory and context are brought to bear on issues of close analysis and interpretation. Elective 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 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 12,000–15,000 words on an approved topic to be supervised by an appropriate member of staff.

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.

Assessment

Assessment is by a combination of coursework and dissertation:

- Each module will be assessed by a combination of written and/or practice based assignments as appropriate and class participation. Total ECTS: 60
- Dissertation of approximately 12,000–15,000 words and Research Methodologies assessment. Total ECTS: 30

Postgraduate Diploma

A Postgraduate Diploma in Film Theory and History may be awarded in certain circumstances on the basis of coursework alone (60 ECTS). Entry is the same as for the M.Phil. programme.

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 2016
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

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. The deadline for applications to the 2016/2017 programme is June 30th 2016. Applications from serious candidates may be considered after this date.

Playwriting (M.F.A.)

Duration	1 year full-time, 2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Administrator	Seana Skeffington
Course Email	bsnglton@tcd.ie
Course Tel	+353-1-896 2559
Next Intake	September 2016
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.

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 2016
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 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 2016
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

School of Education

Head of School	Prof. Michael Shevlin
Director of Teaching & Learning (Postgraduate)	Dr Damian Murchan
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).

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 4036
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 STEM/CS. 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

Education (Co-operative Learning) (M.Ed.)

Duration	1 year full-time, 2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinators	Dr John Walsh and Dr Maija Salokangas
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

This programme provides a new approach to classroom management in the Mixed Ability setting. It provides teaching methodologies that allow all students 'from the exceptionally able to pupils with special educational needs – to learn at a level suited to their needs and abilities. It enhances teaching and learning in the classroom, reduces stress, increases enjoyment, motivation, achievement and attendance. Components Include:

- Introduction to Cooperative Learning
- Implementation of CL in Classroom
- Use of Technology in a Cooperative Learning Environment
- Implementing a Peer Mediation Programme

Teachers working in Primary and Post-Primary Education, and others with a professional interest in education are encouraged to apply. The course has a taught component and a dissertation. The duration will normally be two years part-time or one year full time.

Admission Requirements

Applicants are normally expected to hold a good honours degree and have at least two years' experience in the field of education.

How to Apply

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

Education (Drama 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 Salokangas
Course Administrators	Ms Keara Eades and Ms Catherine Minet
Course Email	master.education@tcd.ie
Course Tel	+353-1-896 1290 / 3568
Course Information	www.tcd.ie/courses/postgraduate/az

The specialism is provided for recognised teachers in primary, secondary and tertiary education, youth leaders, drama and theatre in education practitioners and others with a professional interest in the arts in education, who have a primary degree or equivalent. Students will be involved in practice focused workshops and seminars covering approaches to drama and theatre in formal (primary, secondary and tertiary level) and non-formal educational settings.

Drama is both an art form in its own right and also a highly effective teaching and learning methodology, and students will be introduced to the philosophies underpinning this creative educational approach, to its history, and to a wide range of drama and theatre in education techniques and to their use in diverse educational contexts. Components include:

- The nature of the art form and key components in drama
- Key practitioners and their work in structuring drama and theatre sequences for learning
- Advanced issues in drama and theatre education
- Online critical reading seminar

The course has a taught component delivered as a Summer School with on-line support during the academic year, and a dissertation. The duration will normally be two years part-time or three years part-time or one year full time.

Admission Requirements

Applicants are normally expected to hold a good honours degree and have at least two years' experience in the field of education.

How to Apply

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

Education (Early Intervention) (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 Salokangas
Course Administrators	Ms Keara Eades and Ms Catherine Minet
Course Email	master.education@tcd.ie
Course Tel	+353-1-896 1290 / 3568
Course Information	www.tcd.ie/courses/postgraduate/az

The School of Education is uniquely positioned to contribute to international developments in early intervention as it forefronts academic excellence and service to the community in the areas of early intervention, early years education, special education needs (SEN), disability and inclusion. This master's degree programme will provide comprehensive knowledge and expertise in Early Intervention reflecting contemporary evidence-based practice, and will address the need for additional training for professionals to support children and families adequately. The programme will draw upon a range of approaches that acknowledge the crucial role of family in a child's life. Students in this programme will be exposed to critical theoretical and practical frameworks as well as opportunities to reflect on existing practice. It is designed to be academically and personally challenging, positioning graduates to be competitive for employment. Students will benefit from opportunities to enhance their individual and professional capacities as well as develop skills to reflect critically on their role as Early Intervention professionals. They will develop competencies and skills to support children and families in line with evidence-based practice and specialist knowledge in the areas of assessment, diagnosis, design and implementation of educational programmes and interventions for young children (0-6 years). Students will benefit from the contributions of an interdisciplinary team emphasising a community response to intervention in the pre-school, school, home and community. Students of the Master's Degree in Early Intervention will have the opportunity to create and develop new partnerships through an emphasis on collaboration with other disciplines.

Admission Requirements

Applicants are normally expected to hold a good honours degree and have at least two years experience in the field of education.

How to Apply

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

Education (Foundation Studies) (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 Salokangas
Course Administrators	Ms Keara Eades and Ms Catherine Minet
Course Email	master.education@tcd.ie
Course Tel	+353-1-896 1290 / 3568
Course Information	www.tcd.ie/courses/postgraduate/az

This specialism is for students who wish to undertake a more broadly based Master's programme and draws on the School of Education's national and international expertise in research and teaching in a range of disciplines and fields. Modules include:

- Educational Assessment and Evaluation
- Language Education
- Educational Psychology
- Thinking Education: Contemporary Thought in Educational Theory
- Sociology of Education
- History of Education
- ICTs and Education
- Education and Social Policy
- Leadership Education
- Traditions, Powers and Contexts

The course has a taught component and a dissertation. The duration will normally be two years part-time or three years part-time or one year full time.

Admission Requirements

Applicants are normally expected to hold a good honours degree and have at least two years' experience in the field of education.

How to Apply

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

Education (Leadership and Management 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 Salokangas
Course Administrators	Ms Keara Eades and Ms Catherine Minet
Course Email	master.education@tcd.ie
Course Tel	+353-1-896 1290 / 3568
Course Information	www.tcd.ie/courses/postgraduate/az

The M.Ed. in Leadership and Management in Education offers participants the opportunity to undertake a general study of the theory and practice of educational leadership and management. The course aims at enabling participants to understand and critique theories and practices of educational leadership and management in light of current research and professional experience. The integration of theory and practice is central to the course. Components include:

- Leadership and Management in Education: An Introduction
- Leading and Managing Human Relations in Education
- Leading and Managing Learning in Schools: Student Learning and Professional Learning
- Leadership and Management in Education: Legal Issues

The course has a taught component and a dissertation. The duration will normally be two years part-time or three years part-time or one year full time.

Admission Requirements

Applicants are normally expected to hold a good honours degree and have at least three years' experience in the field of education.

How to Apply

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

Education (Positive Behaviour Management) (M.Ed.)

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

This programme is designed to disseminate skills and knowledge around a wide area of concerns related to challenging behaviour in the school context. Teachers working in Primary and Post-Primary Education, and others with a professional interest in education are encouraged to apply. Components include:

- Introduction to Positive Behaviour Management
- Implementing Positive Behaviour in the Classroom
- Positive Behaviour Management for School Leaders
- Implementing a Peer Mediation Programme

The duration will normally be two years part-time.

Admission Requirements

Applicants are normally expected to hold a good honours degree and have at least two years' experience in the field of education.

How to Apply

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

Education (Music 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 Salokangas
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

This is a new course offered by Trinity College Dublin in association with the Royal Irish Academy of Music (RIAM). It is provided for recognized teachers in primary, secondary and tertiary education, music in education practitioners, performers and others, who have a primary degree or equivalent and have a professional interest in the music in education. Students will be involved in practice-focused workshops and seminars covering approaches to music education in

formal (primary, secondary and tertiary level) and non-formal educational settings. Students will be introduced to the philosophies underpinning music education, to theoretical and practical aspects of Irish music and culture, to theoretical practical and technical aspects of music performance and their use in diverse educational contexts. Modules include:

- Philosophies of Music Education
- Irish Music and Culture
- Performance Pedagogy
- Online Reading Seminar

The course has a taught component delivered as a Summer School with online support during the academic year, and a dissertation. During the Summer School, students will be introduced to the major conventions in professional and academic writing and research methodology in preparation for completion of their coursework assignments.

Admission Requirements

Applicants are normally expected to hold a good honours degree and have at least two years' experience in the field of education.

How to Apply

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

Education (Science Education) (M.Ed.)

Duration	1 year full-time, 2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Dr Joseph Roche
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

This programme gives students the academic and practical skills they need to develop a critical understanding of the role of science in society. The course explores the scientific method through theories of learning and engagement while providing opportunities for students to experience frontier research in science education, research and communication. Modules are delivered by scientists, educators and experts from both the School of Education and Science Gallery Dublin. The course is suited to science educators at all levels. It is especially suitable for science graduates who wish to gain the academic theory and research skills needed to enhance their career opportunities. It also caters for students with backgrounds in social science and humanities who have a professional interest in science or education. Components include:

- Science in Society
- Learning Theories
- Communicating Science
- Frontier Research & Current Debates

Professional Masters Education (P.M.E.)

The programme has taught and research components and may be taken on a one year full-time basis or on a two year part-time basis.

Admission Requirements

Applicants are normally expected to hold a good honours degree and have at least two years' experience in the field of education.

How to Apply

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

Education (Special Educational Needs) (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 Salokangas

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

This specialism has been designed as either an introductory course for teachers commencing work in special education or as a refresher course for those who wish to update their knowledge, competencies and instructional approaches.

Components Include:

- Introduction to Special Education for the Classroom Teacher
- Special Needs and the Curriculum
- Including Children with Disabilities into the Ordinary Classroom
- Special Education Support for the Ordinary School

The course has a taught component and a dissertation. The duration will normally be two years part-time or three years part-time or one year full-time.

Admission Requirements

Applicants are normally expected to hold a good honours degree and have at least two years' experience in the field of education.

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 Coordinator Ms Melanie Ní Dhuinn

Course Administrator Ms Linda McHugh

Course Email PME.Admin@tcd.ie

Course Tel +353-1-896 1488

Next Intake September 2016

Course information www.tcd.ie/courses/postgraduate/az

The Professional Masters in Education (PME) is a required qualification for persons wishing to work as post-primary school teachers in the Republic of Ireland and a recognised teaching qualification within the European Union. 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 honours 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 Eve Patten

Director of Teaching & Learning (Postgraduate) Dr David O'Shaughnessy

Telephone +353-1-896 1878

Email doshaug@tcd.ie

Web www.tcd.ie/English

Research Degree Programme

The School of English 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 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 organises international conferences and symposia. Research students are always involved in the organisation of these events and frequently will present research papers. The postgraduates also organise 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.

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

Duration	1 years full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Directors	Dr Amanda Piesse and Dr Padraic Whyte
Course Email	apiesse@tcd.ie , whytepa@tcd.ie
Course Tel	+353-1-896 1934/1224
Next Intake	September 2016
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, the bequest of more than 10,000 children's books left to Trinity by Mary 'Paul' Pollard, one time keeper of Early Printed Books, in 2005.

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 Gerald Dawe
Course Email	oscar@tcd.ie
Course Tel	+353-1-896 2885
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	Dr Mark Sweetman
Course Email	sweetnms@tcd.ie
Course Tel	+353-1-896 3166
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 do 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 highly 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 get real world experience working with cultural heritage partners or digital humanities projects. Moreover, several modules will integrate content from these partners in their learning outcomes, providing opportunities for students to engage with cutting-edge issues and technologies.

What's on the course? This MPhil consists of three core modules and three optional modules. There is also a dissertation module in which a research topic is chosen in agreement with your supervisor. Core modules are Theory & Practice of Digital Humanities, Web Technologies and Internship at cultural heritage institution, library, or project.

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. All students are required to have their own laptops for this MPhil.

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 one 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 two that will take the form of interviews (either in person, telephone, video, or Skype).

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. Eve Patten
Course Email	morashc@tcd.ie
Course Tel	+353-1-896 2285/4023
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.

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 available at: www.tcd.ie/OWC/courses/irish

Admission Requirements

Applicants should have a good honours 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
Course Tel	+353-1-896 1111
Next Intake	September 2016
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 honours degree (at least of upper second class standard) or an equivalent qualification.

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 a combination of four 5,000 word essays 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 Anne Dolan
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.

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 Ashley Clements
Course Email	ashley.clements@tcd.ie , classics@tcd.ie
Course Tel	+353 1 896 1208
Next Intake	September 2016
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 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) honours 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.

Offers will be made on a rolling basis from January 2016. The closing date for applications is 30th June 2016.

How to Apply

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

Early Modern 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 Joseph Clarke
Course Email	clarkej1@tcd.ie , hsthum@tcd.ie
Course Tel	+353-1-896 1020
Next Intake	September 2016
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 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 alters 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) honours Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

Offers will be made on a rolling basis from January 2016. The closing date for applications is 30th June 2016.

How to Apply

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

Gender and Women's 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 Director	Dr Catherine Lawless
Course Email	lawlessc@tcd.ie
Course Tel	+353-1-896 2225
Next Intake	September 2016
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 many different careers.

All students take the core modules Gender Theories, Gender Research Seminar and Approaches 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) honours Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

Offers will be made on a rolling basis from January 2016. The closing date for applications is 30th June 2016. Should places remain unfilled, later applications may be considered.

How to Apply

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

Art 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 Laura Cleaver
Course Email	cleaverl@tcd.ie , arthist@tcd.ie
Course Tel	+353-1-896 1995
Next Intake	September 2016
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) honours 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.

How to Apply

Offers will be made on a rolling basis from January 2016. The closing date for applications is 30th June 2016.

Medieval 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 Directors	Dr David Ditchburn
Course Email	ditchbud@tcd.ie , postgradhishum@tcd.ie
Course Tel	+353-1-896 1020
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The M.Phil. 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.

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; Regnum and Sacerdotium in Narrative Sources and Letters of the Eleventh Century; Saints and Sanctity in the Medieval World; Kingship in Medieval England; 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) honours Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

Offers will be made on a rolling basis from January 2016. The closing date for applications is 30th June 2016. Should places remain unfilled, later applications may be considered.

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	Professor Eunan O’Halpin
Course Email	ohalpine@tcd.ie , hishum@tcd.ie
Course Tel	+353-1-896 1020
Next Intake	September 2016
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’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) honours Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

Offers will be made on a rolling basis from January 2016. The closing date for applications is 30th June 2016. Should places remain unfilled, later applications may be considered.

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 Shane Wallace
Course Email	Ciaran.ONeill@tcd.ie and postgradhishum@tcd.ie
Course Tel	+353-1-896 1020
Next Intake	September 2016
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) honours Bachelor degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the course are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

Offers will be made on a rolling basis from January 2016. The closing date for applications is 31st May 2016. Should places remain unfilled, later applications may be considered.

How to Apply

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

School of Languages, Literatures and Cultural Studies

Head of School	Professor David Scott
Director of Teaching & Learning (Postgraduate)	Dr Jürgen Uhlich
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.

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
Course Tel	+353-1-896 1501
Next Intake	September 2016
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 honours 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.

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:

1. The assessment work for core course 1, core course 2, options 1 and 2 (combined)
2. 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
Course Tel	+353-1-896 1105
Next Intake	September 2016
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
Course Tel	353 1 896 3224
Next Intake	September 2016
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.

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 Ph.D. 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

Literary Translation (M.Phil.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Peter Arnds
Course Email	translat@tcd.ie , arndsp@tcd.ie
Course Tel	+353-1-896 1501
Next Intake	September 2016
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 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 specialised 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

Medieval Language Literature and Culture (M.Phil.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Brendan O'Connell
Course Email	jorgena@tcd.ie
Course Tel	+353-1-896 2475
Next Intake	September 2016
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	pmanus@tcd.ie
Course Tel	+353-1-896 1105
Next Intake	September 2016
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 honours 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 John Murray
Course Email	murrayjd@tcd.ie
Course Tel	+353-1-896 2278
Next Intake	September 2016
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 focuses 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.

How to Apply

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

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.)

Duration	1 year 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
Course Tel	+353-1-679 2392
Next Intake	September 2016
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 international law and 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 comparative law. The modules offered might typically include the following:

Advanced Comparative Law: European Legal Systems; African Human Rights Law, The Chinese Legal System In Comparative Perspective, Climate Change and Law, Comparative Constitutional Law and Theory, Comparative Elements Of Unfair Competition and Trade Mark Law, Comparative Product Liability: Common Law, EU and US Perspectives, Contemporary Issues in International Law, Corporate Governance in the EU, Emerging Technologies - International and European Law, Energy Law and Policy in the EU, Essential Technologies - International and European Law, EU Aviation Law, EU Consumer Law, EU Employment Law, European Human Rights Law, Freedom of Expression and Intellectual Property Law, Globalisation and Law, Intellectual Property Law in the Globalized World, International and European Tax Law, International Arbitration, International Aviation 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, Licensing Access To Creative Works, Medical Law, Public Law of the European Union, Theoretical and Comparative Criminal Law and Theoretical Justice.

The Law School reserves the right to vary the above list and, in particular, the right to withdraw and add courses. 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. (International and Comparative Law) programme are invited from graduates holding 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

International and European Business Law (LL.M.)

Duration	1 year full-time
Course Director	Professor Neville Cox
Course Administrator	Ms Kelley McCabe
Course Email	law.postgraduate@tcd.ie
Course Tel	+353-1-679 2392
Next Intake	September 2016
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 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 over the academic year on an approved theme relating to some aspect of International and/or European business law. The modules offered might typically include the following:

Advanced Comparative Law: European Legal Systems, The Chinese Legal System In Comparative Perspective, Climate Change and Law, 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, Corporate Governance in the EU, Corporate, White-Collar and Regulatory Crime, Emerging Technologies - International and European Law, Energy Law and Policy in the EU, Essential 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, European Trademark and Design Law, Globalisation and Law, Intellectual Property Law in the Globalized World, International and European Tax Law, International Arbitration, International Aviation Law, International Dispute Resolution, International Economic Law, International Trade Law, Islamic Law, Law and Bioethics, Licensing Access To Creative Works, Medical Law and Public Law of the European Union.

The Law School reserves the right to vary the above list and, in particular, the right to withdraw and add courses. 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. (International and European Business Law) programme are invited from graduates holding 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.

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 2016
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 LL.M 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	Professor Neville Cox
Course Administrator	Ms Kelley McCabe
Course Email	law.postgraduate@tcd.ie
Course Tel	+353-1-679 2392
Next Intake	September 2016
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 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. The modules offered might typically include the following:

Advanced Comparative Law: European Legal Systems, Advanced Lawyering Techniques, African Human Rights Law, The Chinese Legal System In Comparative Perspective, Climate Change and Law, Comparative Constitutional Law and Theory, 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, Corporate Governance in the EU, Corporate, White-Collar and Regulatory Crime, Emerging Technologies - International and European Law, Energy Law and Policy in the EU, Essential 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, European Human Rights Law, European Trademark and Design Law, Freedom of Expression and Intellectual Property Law, Globalisation and Law, Intellectual Property Law in the Globalized World, International and European Tax Law, International Arbitration, International Aviation 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 Licensing Access To Creative Works, Medical Law, Public Interest Litigation, Public Law of the European Union, Theoretical and Comparative Criminal Law and Transitional Justice.

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 LL.M website.

Admission Requirements

Applications for admission to the LL.M. programme are invited from graduates holding 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.

School of Linguistic, Speech and Communications Sciences

Head of School	Professor John Saeed
Director of Teaching & Learning (Postgraduate)	Dr Martine Smith
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.)

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
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
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 2.1) from a recognised 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 2016
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). 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 honours 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 2016
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 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 the 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. 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.

Admission Requirements

Eligible candidates for the M.Sc. course should hold at least an upper second class honours degree in Clinical Speech and Language Studies or an equivalent qualification in Speech and Language Therapy. 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

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
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 and 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 and 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 honours 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
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.)

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
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.

How to Apply

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

School of Psychology

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

The School of Psychology has a national and international research profile and has a large community of postgraduate students following a range of taught postgraduate programmes and research programmes. There are 25 full-time academic staff members, around 15 postdoctoral fellows, 50 postgraduate research students and around 180 students following postgraduate taught programmes.

The taught postgraduate programmes offered by the School include professional doctorates in Clinical Psychology and Counselling Psychology, a Masters course in Applied Psychology and Masters and Postgraduate Diploma courses in Applied Behaviour Analysis, Clinical Supervision and Psychoanalytic Studies. The School also offers a Higher Diploma in Psychology which is a pre-professional qualification accredited by the Psychological Society of Ireland (PSI), which provides graduates from other disciplines an opportunity to enter the profession. For more detailed information about the taught programmes, please see the relevant named degree course entry below.

Students following the School's postgraduate programme by research are engaged in research spanning the wide range of expertise in the School. Further information about the research being conducted by individual members of staff in the School is available on the School website: www.psychology.tcd.ie/research/.

Many members of the School have ongoing collaborations with researchers within TCD and abroad. Some staff are also involved with research institutes and centres in College such as: The Trinity College Institute of Neuroscience (www.tcd.ie/Neuroscience) is an interdisciplinary institute with colleagues from several disciplines including Physiology, Biochemistry and Genetics conducting research to promote the best functioning of the human brain, The Children's Research Centre (www.tcd.ie/childrensresearchcentre) is part of the School of Psychology and the School of Social Work and Social Policy and is concerned with research policy and practice in the service of Irish children, particularly those who are disadvantaged.

The Centre for Global Health (www.global-health.tcd.ie) is a teaching and research centre focused upon strengthening health systems to ensure that every individual has access to quality healthcare. The Aerospace Psychology Research Group (www.psychology.tcd.ie/aprg) undertakes research in human and organisational factors in aviation safety. The School is well equipped with a student computer laboratory, multi-media facilities, EEG and behavioural neuroscience laboratories, video-observation suites and sound attenuated experimental testing suites and MRI analysis capability.

Research Programmes

Closing Date: While there is no deadline for applications, please note that any student wishing to apply for College postgraduate studentship funding must submit their application by mid-April of their intended year of entry. Application procedures can be accessed at www.tcd.ie/graduate_studies.

Postgraduate Research Students Coordinator:
Dr Sam Cromie (sd Cromie@tcd.ie)

The School will consider applications for postgraduate research across the wide area of its expertise. However, intending applicants should communicate with potential supervisors before submitting their application. Postgraduate research students are expected to attend the School's research seminars, which take place on a regular basis during the teaching terms. Each postgraduate is expected to present a research proposal at an appropriate early point in the development of their ideas. Research students are encouraged to participate in formal and informal academic development exercises.

The School runs an annual appraisal system for all postgraduate research students aimed at facilitating and monitoring 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. Further information about the School's postgraduate research programme is available at www.psychology.tcd.ie/postgraduate/programme-by-research/.

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.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Maeve Bracken
Course Email	byrnelu@tcd.ie
Course Tel	+353-1-896 3907
Course Information	www.tcd.ie/courses/postgraduate/az

The aim of this course is to ensure that students become proficient to a high degree in the understanding and 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 students presenting learning and/or behavioural challenges in school – The content of this course focuses upon clinical application. This intensive course provides professional training in applied behaviour analysis (ABA) for a yearly intake of up to 8 students. 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 supervised by a privately engaged, but course approved supervisor – Students receive continuous assessment and feedback through their regular supervision sessions and participation in class activities. Placement practice in ABA is also formally assessed in the middle and at the end of the course. Students must maintain a portfolio of their work throughout the course. Course Content and Structure: 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:

- Advanced research – data analysis methods in ABA;
- Conceptual Issues in ABA
- Research Dissertation Proposal
- Special Topics in ABA
- Supervised Research – Practice
- Research Dissertation

Special Topics may include such issues as Precision Teaching, ABA in Multidisciplinary teams, Theoretical Approaches in Behaviour Analysis. These topics may vary according to staff availability.

Admission Requirements

Applicants will be normally required to hold at least an upper second class honours degree in Psychology or a health-related field from a recognised university course, and a Diploma in ABA (or coursework equivalent). Applicants will be required to submit an academic transcript of their qualifications to date. The selection process may also require attendance at interview and the submission of a written piece of work.

How to Apply

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

Applied Behaviour Analysis (P.Grad.Dip.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Professor Olive Healy
Course Email	byrnelu@tcd.ie
Course Tel	+ 353 (1) 896 3907
Course Information	www.tcd.ie/courses/postgraduate/az

The Postgraduate Diploma in Applied Behaviour Analysis (ABA) is a one-year full-time course. The aim of this course is to ensure that students become proficient to a high degree in the understanding and practical application of the principles of applied behaviour analysis with particular regard to persons with autism, intellectual and developmental disabilities, traumatic brain injury, children and adolescents in care or special programmes, and persons presenting learning and/or behavioural challenges in school. This intense course provides training in ABA for a yearly intake of up to 30 students. The course provides a route for securing Assistant level certification status from the Behaviour Analysis Certification Board (BACB), an international body which sets standards for training in behaviour analysis. See www.bacb.com for more details. Classes are normally conducted one week-day every two weeks and on one Saturday per month. Individual supervision sessions occur at times outside the teaching schedule and are arranged with an individual board certified behaviour analyst supervisor. Taught modules run from the end of September to the end of June. Students who wish to apply to the course must secure a practical placement prior to applying. Please refer to the course website for further information in this respect.

Course Content

Graduates of this course are skilled to conduct functional behavioural assessments, to implement and design behaviour support plans or learning/skill acquisition programmes, and to analyse and display data to make informed decisions regarding intervention and learning methods. Topics covered on the course include Definitions, Characteristics and Basic Principles; Ethics in ABA; Selection, Defining and Measuring Behaviour; Behavioural Assessment; Behavioural Intervention, Measurement and Evaluation, and Supervised Practice.

Admission Requirements

The Diploma in Applied Behaviour Analysis is open to those with an honours undergraduate degree in Psychology or a related human service field such as education/teaching, nursing, speech and language and social care. - Applicants from Ireland or EU and non-EU countries who meet entry criteria and are employed by or volunteer in an educational or human service setting are welcome to apply. - Please refer to the website for more detailed information. Please note that students must complete the Postgraduate Diploma course or equivalent behaviour analytic coursework prior to completing the one-year M.Sc. Psychology (ABA) or M.Sc. ABA. Please refer to www.psychology.tcd.ie/postgraduate/applied-behaviour-analysis for further details

about this course. Applicants with good written and spoken English (due to the nature of this profession) from EU and non-EU countries are very welcome to apply.

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 2016
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

Admission Requirements: Applicants will be required to hold at least a minimum of an upper second class honours degree (2.1) 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.

How to Apply

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

Clinical Psychology (D.Clin.Psych.)

Duration	3 years full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Kevin Tierney
Course Email	amathew@tcd.ie, shmccorm@tcd.ie
Course Tel	+353-1-896 2425 / 3915
Next Intake	September 2016
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

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 , camcnall@tcd.ie
Course Tel	+353-1-896 2094 / 2431
Next Intake	September 2016
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 organisational, 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 Director	Dr Ladislav Timulak
Course Email	camcnall@tcd.ie
Course Tel	+353 1 896 2431
Next Intake	September 2016
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 (M.Sc. / P.Grad.Dip.)

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 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.

Psychology (Applied Behaviour Analysis) (M.Sc.)

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

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

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr John O'Connor
Course Email	grahamyv@tcd.ie
Course Tel	+353-1-896 3907
Next Intake	September 2016
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 as 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

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

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Maeve Bracken
Course Email	byrnelu@tcd.ie
Course Tel	+353-1-896 3907
Course Information	www.tcd.ie/courses/postgraduate/az

The aim of this course is to ensure that students become proficient to a high degree in the understanding and 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 students presenting learning and/or behavioural challenges in school. The content of this course focuses on behavioural theory. This intensive course provides professional training in applied behaviour analysis (ABA) for a yearly intake of up to 8 students. Approval has been secured from the Behaviour Analysis Certification Board, an international body which sets standards for training and provides a route for securing ABA Certification status. 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 supervised by a privately engaged, but course approved supervisor. Students receive continuous assessment and feedback through their regular supervision sessions and participation in class activities. Placement practice in ABA is also formally assessed at mid and end of course. 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:

- Advanced research - data analysis methods in ABA I
- Conceptual Issues in ABA Research Dissertation Proposal
- Special Topics in ABA*
- Supervised Research - Practice
- Research Dissertation

* Special Topics may include: Precision Teaching, ABA in Multidisciplinary Teams, Theoretical Approaches in Behaviour Analysis. These topics may vary according to staff availability.

Admission Requirements

Applicants will normally be required to hold at least an upper second class honours degree in Psychology from a recognised university course, which confers eligibility for graduate membership of the Psychological Society of Ireland, and a Diploma in ABA (or course work equivalent). Applicants will be required to submit an academic transcript of their qualifications to date. The selection process may also require attendance at interview and the submission of a written piece of work.

Psychology (H.Dip.) – Psychology Conversion Course

Duration	2 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 2016
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. 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.

Admission Requirements

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 honours. Application for entry is not via the CAO system.

How to Apply

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

Psychology (Conversion Course)

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
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 honours 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

Confederal School of Religions, Peace Studies and Theology

Head of School	Professor Iain Atack
Director of Teaching & Learning (Postgraduate)	Prof. Ben Wold
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 distinct academic entities: 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, theology, ethics, religious studies, international peace studies, reconciliation, 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 (ISE), is committed to the study and promotion of dialogue, peace and reconciliation in Ireland and other contexts worldwide. Details about staff research projects and recent publications can be found on individual staff pages www.tcd.ie/ise/ staff and at www.tcd.ie/ise/research/funded-projects-current/index.php. We encourage applicants for Ph.D. research in areas relating to the academic work of ISE and the research interests of individual staff members. Initial enquiries should be directed to ressec@tcd.ie

Loyola Institute

The Loyola Institute is dedicated to teaching and research in the Catholic theological tradition. The Institute has specific research interests in the following research areas: systematic theology, social justice, theological ethics, liturgical studies, Hebrew Bible and contextual theologies.

The Loyola Institute staff welcomes inquiries in any of these areas or in cognate areas, and offers a stimulating environment to pursue PhD and M. Litt degrees by research.

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

Duration	1 year part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Professor Gillian Wylie
Course Email	cdrssec@tcd.ie , wylieg@tcd.ie
Course Tel	+353-1-896 4771
Next Intake	September 2016
Course Url	www.tcd.ie/ise/study/postgraduate-diploma/

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 workshops, usually in May. All assessments are to be completed by 1 August.

Admission Requirements

Applicants should normally have an honours 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.

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 2016
Course Information	www.tcd.ie/courses/postgraduate/az
Location	A cross-border course – Belfast and Dublin

This course is based in Belfast. After registration in Dublin at the start of the course, teaching takes place in Belfast and other locations over two teaching terms, September to December and January to early April. For the remainder of the programme, including the summer dissertation period, April-September, students may be based in either Belfast or Dublin depending on their research interests. A one term (twelve week) programme 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.

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 week-long residential courses at the Corrymeela Community's Centre for Reconciliation in Ballycastle on the north Antrim coast. These modules are taught by experts from our partner organisations, Beyond Walls, the Glencree Centre for Reconciliation and Different Tracks Global. Students may also take modules taught at ISE in Dublin. The course offers students academic and theoretical insight into conflict resolution and reconciliation, as well as practical skills and experience through placements and workshops.

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).

Common core modules: Research Skills; Conflict Analysis and Models of Intervention; Dynamics of Reconciliation, Conflict Resolution Skills; Conflict Transformation; Conflict Resolution Lessons from Comparative Peace Processes; Transitional Justice; Dissertation; Reconciliation in Northern Ireland; Theology of Reconciliation; Community Learning and Reflective Practice in Northern Ireland.

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 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.

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.

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	Professor Andrew Pierce
Course Email	ecumsec@tcd.ie
Course Tel	+353-1-896 4771
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

A variety of modules is offered each year, drawn from the following: 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; 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; Christian Seeds in Hindu 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; Northern Ireland: Conflict, Religion and the Politics of Peace; Religions and International Relations and Comparative/Interreligious Ethics. A module on Research and Methods is compulsory; students select a further 5 modules for assessment and write a dissertation.

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 2016
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. 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, Peacebuilding and Development; The United Nations and Conflict Resolution; Human Rights in Theory and Practice; Gender, War and Peace; Gender and Globalization; Northern Ireland: Conflict, Religion and the Politics of Peace; The Politics of the Idea of Europe; Race and Ethnicity, Theoretical Concepts; Colonialism Conflict and Liberal Intervention; Religion and International Relations; NGOs in Theory and Practice: Internship Module. A sufficient number of optional modules must be taken to fulfil credit requirements. 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 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.

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 Director	Rev. Dr Maurice Elliott
Course Email	admin@theologicalinstitute.ie
Course Tel	+353 1 492 3506
Course Information	www.tcd.ie/courses/postgraduate/az
Run Jointly with	CITI, and Confederal School of Religions, Peace Studies and Theology

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 to 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

The course covers areas including: 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 include: 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 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

Candidates should apply in the first instance to the Church of Ireland Theological Institute, Braemor Park, Dublin 14.



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 12 full-time academic staff and almost 50 research students.

The Philosophy Department offers an internationally renowned integrated Ph.D. programme in conjunction with the School of Philosophy in University College Dublin. 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 according to independent evaluations of its research and teaching. 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 Ph.D. 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.

Comparative Social Change (M.Sc.)

Duration	1 year full-time
Course Director	Professor Daniel Faas, Trinity College Dublin
Course Coordinator	Dr Gerard Boucher, University College Dublin
Course Email	sociology@tcd.ie
Course Tel	+353-1-896 2701
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

An innovative new programme – the MSc in Comparative Social Change – has been developed by Trinity College and University College Dublin with the specific objective of developing 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 course provides training in substantive topics relating to issues of comparative social change. The compulsory 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 2016/17 these include: Economic Globalisation and Social Change; Gender and Social Change in a Comparative Context; Comparing Healthcare Systems; Race, Ethnicity and Education in Europe and North America; Migration, Labour and Conflict; Everyday Nationhood in Comparative Perspective. In addition, students will complete a dissertation not exceeding 20,000 words. Students who are unable to proceed to the dissertation or who fail to achieve a satisfactory mark for the dissertation element may be awarded a Postgraduate Diploma in Comparative Social Change.

Admission Requirements

Candidates will be required to hold a 2.1 honours degree or equivalent, preferably with a social sciences component, and excellent academic references. Candidates whose first language is not English will need a recognised English language qualification.

How to Apply

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

Economic Policy Studies (M.Sc.)

Duration	2 years part-time
Course Director	Professor Michael King
Course Coordinator	Ms Colette Ding
Course Email	economics@tcd.ie
Course Tel	+353-1-896 1325
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The M.Sc. in Economic Policy Studies (EPS) programme is a two-year part-time postgraduate programme designed to provide graduates with the skills to apply economic perspectives and approaches to the study of policy issues. There is an in-take of new students every second year; accordingly the next student in-take will be for the academic year commencing September 2016. Staff from the Department of Economics, as well as where appropriate other staff from both within and outside Trinity, lecture on the programme. The programme's aim is to provide participants with a greater understanding of the economic policy process and the ability to engage confidently in evidence-based economic policy making. It enables graduates to contribute effectively to the processes of economic policy formulation, change and implementation, using various concepts and methods in social science analyses. Policy making in any field requires a range of skills and analytical approaches; while this programme focuses on economic policy and on the economic analysis of other policies, the political economy context, both domestically and internationally, is also explored.

During the two years, students will undertake a number of modules over three ten-week terms and spend the remainder of the second year working on their dissertations. The first teaching term takes place from late September to December and the second from January to April of Year 1. Students undertake four modules in Year 1 as follows: data analysis, modelling and research methods; understanding markets; Irish economic policy issues and context; macroeconomic concepts and issues. The third teaching term takes place from late September to December of Year 2 and in this time students undertake two specialised modules from three possible options; namely economic evaluation,

competition and regulation and money and banking. The remainder of Year 2 is focused on completion of the dissertation.

How to Apply

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

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

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
Course Tel	+353-1-896 1325
Next Intake	September 2016
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 a second-class honours, Grade 1 degree that has a significant quantitative component. Applications are expected from candidates with single or joint honours Economics degrees, Business or B.Comm. 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

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

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 2016
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 Trinity's 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	Professor Paul O'Grady
Course Administrator	Ms Una Campbell
Course Email	philosophy.masters@tcd.ie
Course Tel	+353 1 896 1529
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The Trinity M.Phil. in Philosophy provides the foundation for advanced research in philosophy. The curriculum is designed to enable students with a background in philosophy, or related disciplines with a strong philosophy component, to understand what is distinctive about philosophical methodology, to critically engage with contemporary debates in core systematic areas of philosophy and to combine modern historical scholarship with a rigorous contemporary philosophical approach.

The course incorporates both taught and research components with students taking six taught modules which work together to form an integrated foundation for cutting edge contemporary philosophical research. Modules, which are organized around seminars and individual supervision of the assessment work, explore competing models of philosophy and encourage students to critically reflect on their own practice as philosophers. Core areas of contemporary philosophy, the Anglo-American and Modern European traditions are examined. In addition, students undertake training in advanced philosophical scholarship on a key historical figure in a module focused on George Berkeley, one of Trinity's most distinguished graduates.

Students will also write a dissertation, not exceeding 15,000 words, on a topic of their choice in consultation with the course director and their supervisor. Students who are unable to proceed to the dissertation or who fail to achieve a satisfactory mark for the dissertation element may be awarded a Postgraduate Diploma in Philosophy.

Admission Requirements

An undergraduate degree at 2.1 or above (or equivalent) in philosophy is the normal requirement, but applicants who can demonstrate a strong philosophy component in their degree in a different discipline will be considered on a case by case basis.

How to Apply

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

Politics and Public Policy (M.Sc. / P.Grad. Dip.)

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
Course Information	www.tcd.ie/courses/postgraduate/az

The objective of the course is to develop students' knowledge of comparative politics in contemporary Europe. This includes knowledge of the policies, politics of and public opinion in the European Union and its member states. In addition, the course aims to equip students with the research training required to conduct independent political research. Therefore, in addition to substantive modules on various aspects of comparative politics, the course also includes modules on research methods.

The course provides training in substantive topics relating to governance in the European Union, in addition to developing the research and technical skills needed to undertake political science research. It is ideal for those considering a career that deals with European and global issues. The course offers students the opportunity to study in international department with excellence in teaching and research in the area of European politics and governance. The course is of twelve months duration, on a full time basis. Teachings starts in September and the M.Sc. concludes with the submission of a dissertation the following August.

The course offers a range of modules that will deepen students' knowledge of both the policies that are agreed by governments and the political processes that underpin them. The compulsory modules are Government Institutions; Politics, Inequality and Socio-Economic Policy; 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

All modules are taught around a weekly seminar and assessed on the basis of assignments and examinations. 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

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

Race, Ethnicity, Conflict (M.Phil.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Closing Director	Professor Anne Holohan
Course Coordinators	Dr Andrew Finlay and Dr David Landy
Course Email	mphilrec@tcd.ie
Course Tel	+ 353 1 896 2701
Next Intake	September 2016
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 Ph.D. 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.

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	lcusack@tcd.ie
Web	www.socialwork-socialpolicy.tcd.ie

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 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 Trinity 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.

The Policy Institute is a multi-disciplinary public policy research institute. Based in Trinity, 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 Trinity'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.

Applied Social Research (M.Sc.)

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, mscasr@tcd.ie
Course Tel	+353-1-896 2636 / 3593
Next Intake	September 2016
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 Ph.D. 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.

How to Apply

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

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

Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director(s)	Dr Stephanie Holt
Course Email	lcsack@tcd.ie
Course Tel	+353-1-896 3593
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. Students 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.)

Duration	2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Professor Robbie Gilligan
Course Email	lcsack@tcd.ie
Course Tel	+353-1-896 3593
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 Laura Cusack. lcsack@tcd.ie

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

Duration	1 year part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Dr Helen Buckley
Course Email	lcsack@tcd.ie
Course Tel	+353-1-896 3593
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 Trinity for approximately one week in four. This involves students attending classes Monday–Friday, 9am–6pm. Full attendance at Trinity 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 Director	Dr Edurne Garcia Iriarte
Course Email	disabmsc@tcd.ie
Course Tel	+353-1-896 3593
Next Intake	September 2016
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 National Institute for Intellectual Disability and the Centre for Deaf Studies, both located in Trinity and closely associated with the programme.
- Academic interaction with the students of the Certificate in Contemporary Living, 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	Ms Erna O'Connor
Course Email	master.socialwork@tcd.ie
Course Tel	+353-1-896 4579
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

Social work is a challenging and a rewarding activity 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 includes an international perspective and the student group can avail of placement opportunities abroad including Canada, England, South Africa and the USA.

Admission requirements

Applicants should hold a level 8 primary social science degree (2.1 degree or higher), or equivalent, and a minimum of 6 months 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 Coordinator	Professor Robbie Gilligan
Course Email	lcusack@tcd.ie
Course Tel	+353-1-896 3593
Next Intake	September 2016
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 honours degree in the social sciences, a social work qualification National Qualification in Social Work or equivalent, a minimum of one year's 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



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School of Biochemistry and Immunology

Head of School	Professor Gavin Davy
Director of Teaching & Learning (Postgraduate)	Professor 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 Ph.D. in Biochemistry (research), Ph.D. in Immunology (research), and an M.Sc. in Immunology. Regarding the research Ph.D.s, 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.

Immunology (M.Sc.)

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 2016
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 component of the course: Basic Immunology; Immunological Technologies; Communicating Science/Critical Analysis: How to read and evaluate scientific literature; Computational and Comparative Immunology; Genes and Immunity; Pathogen Detection and Evasion; Clinical Immunology: Immuno-technologies and diagnostics tests; Parasite Immunology; Tumour Immunology; Global Infectious Diseases; Immuno-therapeutics and product development. In addition, students will be required to submit a dissertation based on a research project conducted in one of the Immunology groups located within or affiliated to The School of Biochemistry and Immunology.

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 David Grayson
Director of Teaching & Learning (Postgraduate)	Professor Dónall Mac Dónaill
Telephone	+353-1-896 1423
Email	chemdept@tcd.ie
Web	www.tcd.ie/chemistry

Research Programmes

The School of Chemistry is a vibrant community of 25 academic staff members, 20 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.

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 courses, 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 IRCSET), College scholarships and direct funding from individual supervisors. Up to date information is available on the School of Chemistry website.

All of these activities are facilitated by excellent research equipment housed in the School, which include 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. Research students obtain funding from a number of sources. These include national programmes (e.g. SFI and IRCSET), Trinity scholarships and direct funding from individual supervisors. Up to date information is available on the School of Chemistry website.

In 2007 the Trinity School of Chemistry and the School of Chemistry and Chemical Biology of University College Dublin launched a joint programme of graduate lecture courses. This is one aspect of the close interaction of the two leading Irish Chemistry research schools within the Dublin Chemistry initiative. Students are expected to take several courses during their Ph.D. programme to account for the number of credits required for their degrees. In a future of increasingly interdisciplinary research the School of Chemistry enjoys strong collaborations with colleagues in the physical, technological and biological sciences throughout Trinity, and at national and international levels. Through these initiatives the School of Chemistry continues to grow as a natural strategic centre and enables structure for projects at the interface between Chemistry and Life Sciences and 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.

Computer Science (Interactive Entertainment Technology) (M.Sc. / P.Grad.Dip.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Michael Manzke
Course Email	postgraduate@scss.tcd.ie
Course Tel	+353-1-896 3094
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The M.Sc. programme in Computer Science (Interactive Entertainment Technology) equips students with the theoretical and practical knowledge to enable them to participate in the design and development of the technology that underpins the fast moving video game market as well as providing transferable skills relevant for careers in the wider industries of interactive entertainment, communication and simulation. The course, which has been developed in co-operation with leading indigenous and international game industry companies, immerses students in a state of the art learning environment using the very latest tools and technologies, as used by professional game development companies.

The course is assessed based on a combination of assigned coursework, written examination, a group project and a research dissertation. The taught component will be composed of 30 ECTS of compulsory modules and 30 ECTS of elective modules. The compulsory components of the course are Numerical Methods and Advanced Mathematical Modelling; Software Engineering for Concurrent and Distributed Systems; Software Engineering Individual Project; Seminar Series; Interactive Entertainment Technology Group Project and individual Research Dissertation

All students will select an additional 30 ECTS of elective modules from the following pool of topics: Data Communications and Networks; Graphics and Console Hardware; Real-time Rendering; Artificial Intelligence; Autonomous Agents; Real-time Animation; Real-time Physics; Vision Systems and Augmented Reality. In addition, students will be expected to complete an individual research dissertation worth 30 ECTS.

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 computing, information technology. Candidates with an upper second-class honours degree in disciplines such as engineering, mathematics, statistics, or physics are also encouraged to apply. Candidates will be required to provide evidence of their computing skills and 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

Computer Science (Mobile and Ubiquitous Computing) (M.Sc. / P.Grad.Dip.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Professor Ciarán Mc Goldrick
Course Email	postgraduate@scss.tcd.ie
Course Tel	+353-1-896 3094
Course Information	www.tcd.ie/courses/postgraduate/az

Mobile and Ubiquitous Computing technologies allow interconnected devices to be embedded unobtrusively in everyday appliances and environments, and to communicate and co-operate to provide information and services on behalf of their human users. The development of Mobile and Ubiquitous computing applications and systems has been identified by many visionaries as a key enabler in the evolution of the next generation of technologies underpinning the “Internet of Things”.

The M.Sc. in Mobile and Ubiquitous Computing in Trinity provides an excellent, and globally unique, grounding in the concepts, technologies and skills that underpin this future vision, and in the principles and practices of business technology leadership necessary to translate these innovations into compelling products and services.

Creativity and innovation are fostered throughout the course, and cohere around a strong emphasis on practical engagement with the technologies, development and business strategies, used in building mobile, ubiquitous and “Internet of Things” computing systems.

Technical course elements include modern communications and wireless platforms, advanced distributed systems engineering, “big data” management and analysis, embedded devices, security and end user interaction design. These are tightly aligned with business innovation and technical management strands to position graduates for both domain specialist and technical leadership, management and start-up innovation roles.

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 computing, computer engineering, information technology, or a related discipline. Well qualified candidates from other numerate disciplines such as mathematics, engineering, statistics and physics, and those with appropriate domain experience, are also encouraged to apply. Candidates will be required to provide evidence of their programming and computing skills and experience.

How to Apply

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

Computer Science (Networks and Distributed Systems) (M.Sc. / P.Grad.Dip.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Ass. Professor Stephen Barrett
Course Email	postgraduate@scss.tcd.ie
Course Tel	+353-1-896 3094
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The M.Sc. programme in Computer Science equips students with the theoretical and practical background necessary to enable them to participate in the design of complex networked and distributed computing systems, as well as to undertake research in this area.

The programme is assessed based on a combination of assigned coursework, written examination, and a dissertation. The programme is composed of a number of modules that are taken by all students. These modules include:

- Networked applications: covers applications of the Internet and Intranets ranging from email and the Web to electronic commerce; collaboration and community services; distributed artificial intelligence; and information retrieval.
- Data communications and networks: introduces the fundamentals of computer networks and networking technology.
- Distributed systems: covers the most important paradigms for building distributed applications including client-server computing, distributed object technology, and component models.
- Software engineering for concurrent and distributed systems: covers object oriented analysis and design techniques and their application to concurrent and distributed systems.
- Security and management of networks and distributed systems: introduces the fundamentals of computer and network security and investigates different approaches to network management and the management of advanced information services.

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 computing, information technology, or a related discipline. Well qualified candidates from disciplines such as engineering, mathematics, statistics, or physics who have sufficient knowledge of computing (including the ability to program) may also be accepted.

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

Creative and Cultural Entrepreneurship (M.Phil.)

Duration	1 year full-time / 2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Professor Marie Redmond
Course Email	Marie.Redmond@scss.tcd.ie
Course Tel	+353-1-896-1033
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The MPhil in Creative and Cultural Entrepreneurship will enable entrants who have previously explored an area of creative study and practice (music, media, theatre, design, fashion, computer games, or interactive digital media) to develop a creative idea into an entrepreneurial project. The entrepreneurial activity may relate directly to a ‘product’ or ‘process’ arising from the student’s creative engagement or to a form of ‘expertise’ or ‘consultancy’. The programme will also equip students, who wish to work within existing organisations with the infrastructure and environment for setting up new creative businesses, with the capacity to flourish in a variety of creative entrepreneurial contexts.

Programme Content

The programme consists of three mandatory taught modules and two optional modules chosen within a specialist creative practice strand. Students are expected to attend all taught components of the programme. Students will take three compulsory modules: the core modules, History of Creative Industries, Theories and of Creative Practice, and Entrepreneurial Thinking/Modelling. In addition students will take two optional modules. The options available each year will vary. Those on offer in any given year will be divided into three strands and students will be asked to choose two optional modules from each strand. Students will have to choose modules within their specialist strand that do not conflict with the timetabling of other programme modules. Students will also engage in a project/dissertation on an approved topic relating to the course.

The School will require part-time students taking the course over two years to take a minimum of 60 taught credits in their first year and they must be available for timetabled classes.

How to Apply

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

Health Informatics (M.Sc. / P.Grad.Dip.)

Duration	2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Professor Lucy Hederman
Course Coordinator	Professor Lucy Hederman
Course Email	postgraduate@scss.tcd.ie
Next Intake	September 2016
Run Jointly with	School of Medicine
Course Information	www.tcd.ie/courses/postgraduate/az

The School of Computer Science and Statistics and the School of Medicine offer a joint M.Sc. programme in Health Informatics. Health Informatics is broadly concerned with the application of Information Technology in the health sector. It is a truly interdisciplinary field in which medicine, computer science, management science, statistics and engineering are all represented. The main aim of the M.Sc. programme is to give students a broad understanding of both the principles underlying the field of health informatics and of its practical applications. The course is intended for suitably qualified applicants currently working or aspiring to work in a position in the health sector which requires the efficient and cost effective application of information technology. The M.Sc. course runs over two academic years (September - June) on a part-time basis, on Friday afternoons and Saturday mornings to facilitate those in full-time employment. The first year incorporates both taught and practical components with a strong emphasis on practical team-based continuous assessment. Students take a total of seven modules from the following: introduction to health informatics; introduction to computing (for those from a health science background); introduction to health sciences (for those from a computing background); health information systems; clinical decision support systems; biomedical imaging; human computer interaction in healthcare; health informatics research paper and bioinformatics. Not all modules will be offered each year. Year 2 students receive instruction in research methodology and undertake an independent research project. This course has been co-funded under the National Development Plan (Graduate Skills Conversion Programme) for EU fee paying students.

Admission Requirements

Applications may be accepted from those who hold a good honours degree in a professional health sciences or computer engineering discipline, or hold an equivalent qualification with relevant professional experience, or hold other appropriate qualifications with at least three years relevant professional experience, or otherwise satisfy the course admission committee. Applicants meeting these requirements will be interviewed.

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	Assistant Professor Mads Haahr
Course Email	postgraduate@scss.tcd.ie
Course Tel	+353-1-896 2418
Next Intake	September 2016
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 honours 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 Coordinator	Professor Denise Leahy
Course Email	postgraduate@scss.tcd.ie
Course Tel	+353-1-896 2418
Next Intake	September 2016
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 M.Sc., 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 honours 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	Rozenn Dahyot
Course Coordinator	Natasha Blanchfield
Course Email	pgcert.stats@scss.tcd.ie
Course Tel	+353-1-896 1787
Next Intake	September 2016
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

Technology and Learning (M.Sc. / P.Grad. Dip.)

Duration	2 years part-time
Closing Date	30th June 2016
Course Director	Assistant Professor Richard Millwood
Course Email	postgraduate@scss.tcd.ie
Course Tel	+353-1-896 2418
Next Intake	September 2016
Run Jointly with	School of Computer Science and Statistics
Course Information	www.tcd.ie/courses/postgraduate/az

The course aims to meet the needs of 21st century learners, teachers, instructors and researchers in the context of the emerging Knowledge Society, by providing its students with the opportunity to participate in a research led Masters programme exploring the integration of learning and technology. The focus for the students is on technology mediated transformative learning experiences. The course addresses areas such as creativity, critical reflection, collaboration and meta-cognition through the active design, construction, use and evaluation of a range of learning technologies. Course learning activities and themes are research led and are closely aligned with the ongoing research activities of the Centre for Research in IT in Education.

This degree was launched in 1999 with the aim of producing a cohort of people who would be able to play a leadership role in the development and use of information and communication technologies (ICTs) in all aspects of learning. To date graduates have been equally divided between those working in the formal educational system, teachers or lecturers, and those involved in a variety of roles in the workplace ranging from instructional designers to training.

On the educational side, graduates of the course gain a deep understanding of the theories of learning that are relevant to the use of ICT and will have a realistic view of the real enhancements to learning that ICT can facilitate. On the technical side, graduates of the course gain a good knowledge of the principles of web design, multimedia authoring, digital video and computer operation. Although aspects of computer programming are by necessity touched upon it is not an aim of the degree to produce people who can program. In the second year of the course students carry out a substantial piece of research which typically involves the design, implementation and evaluation of a learning experience in which ICT plays a key role.

The course is run on a part-time basis. In the first year there are formal classes on Friday afternoons and Saturday mornings. The second year is devoted to the completion of a research dissertation. This course has been co-funded under the National Development Plan (Graduate Skills Conversion Programme) for EU fee paying students.

Admission Requirements

Applicants who have achieved an upper second-class honours degree (or better) in a primary degree. Equivalent qualifications or experience are taken into account. Preference will be given to applicants who have at least three years in teaching, training or instructional technology development. A qualification in Computer Science is not required but applicants are expected to be computer literate. Applicants meeting the necessary requirements will normally be interviewed.

How to Apply

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

School of Engineering

Head of School	Associate Professor Brian Foley
Director of Teaching & Learning (Postgraduate)	Professor Roger West
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 research activities of all research groups involve significant work on the application of advanced computer based numerical modelling and simulation for the solution of engineering problems so that there is a common theme of computer based analysis, modelling and experimental validation in each of these areas.

Applied Building Repair and Conservation (P.Grad.Dip.)

Duration	1 year part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Sara Pavia
Course Email	makeatin@tcd.ie , pavias@tcd.ie , walshd@tcd.ie
Course Tel	+353-1-896 2516 / 1007
Next Intake	September 2016
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 7–10p.m. and Saturday 9.30a.m.–12.30p.m. each week throughout the two semesters (September to April). In addition, the student, working individually, shall complete a research thesis.

The course includes the following: Research and Documentation; Introduction. The Built Heritage. Legislation and Economics; Research and Documentation. Building Surveying and Recording; Building Stone. Ceramics. Metals. Timber. Thatch and Mudwall; Building Limes and Cements. Concrete; Construction Technology and Project Management. Management Case Studies; Structural Damage and Repairs to Masonry Fabrics and Building Elements. Structural Case Studies and a research thesis.

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 thesis. Each paper constitutes one third and the thesis the remaining third of the overall assessment. Students must pass each paper and the thesis. There is no system of compensation. The pass mark for the examinations and the thesis is 40%. A Distinction is awarded to those who obtain an overall average mark of 70% or more in both the thesis 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 Tel	+353-1-896 4214
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.

Students of the M.Sc. in Bioengineering in Trinity 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. Students of the M.Sc. in Bioengineering have the opportunity to specialise in one of three key research themes – neural engineering, tissue engineering and medical device design.

The M.Sc. 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 M.Sc. 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 M.Sc. in Bioengineering with specialisation in Tissue Engineering provides students with an understanding of stem cells, animal/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.

Admission Requirements

Applicants will be required to hold at least an upper second class honours 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.

Fees

2014/15 EU students – €3,750 – This course is partly funded under the National Development Plan Graduate Skills Conversion Programme for EU fee paying students. Non-EU students – €16,675 www.tcd.ie/academicregistry/fees-payments

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 Director	Dr Niamh Harty
Course Email	walshd@tcd.ie , hartyn@tcd.ie , makeatin@tcd.ie
Course Tel	+353-1-896 1302
Next Intake	September 2016
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
4. Contracts in construction – claims, insurance, subcontracts; case law; public procurement; contracts for other professions
5. Risk and insurance; sureties; statutory duties; professional relationships, duties and liabilities
6. 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). The number of places on this Diploma course is limited, and 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.

How to Apply

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

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	Professor David Taylor
Course Email	dtaylor@tcd.ie
Course Tel	+353-1-896 1703 / 1383
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The MSc (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

Engineering (Environmental/Structural and Geotechnical/Transport) (M.Sc/P.Grad.Dip)

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 are required to take the Research Methods module (5 credits). In addition, candidates may select modules totaling 55 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.

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	Professor Bruce Misstear
Course Administrator	Ms Mary Curley
Course Emails	bmisstear@tcd.ie , civeng@tcd.ie
Course Tel	+353-1-896 1457
Next Intake	September 2016
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 – Civil Engineering Management (10 ECTS) and M2 – Research Methodology (10 ECTS) 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 – (Environmental / Structural / Transport) Engineering Dissertation (30 ECTS) along with four other modules selected from options (including at least 2 from their selected specialisation), also listed below:

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);

Environmental Engineering (P.Grad.Dip.)

Duration	1 year part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Mr Paul Johnston
Course Email	walshd@tcd.ie , pjohnston@tcd.ie , makeatin@tcd.ie
Course Tel	+353-1-896 1372 / 1457
Next Intake	September 2016
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 pm and Saturday morning 9.30am–12.30 pm 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, adiation 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

S6. 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

Fire Safety Practice (P.Grad.Dip.)

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.

Admission Requirements

Please note that applications require professional references.

Duration	1 year part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Trevor Orr
Course Email	walshd@tcd.ie, torr@tcd.ie, makeatin@tcd.ie
Course Tel	+353-1-896 1204
Next Intake	September 2016
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 9.30am–12.30pm 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 Director	Dr Niamh Harty
Course Email	walshd@tcd.ie, hartyn@tcd.ie, makeatin@tcd.ie
Course Tel	+353-1-896 1302
Next Intake	September 2016
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 7–10pm and Saturday morning 9.30am–12.30 pm 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.

How to Apply

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

Music and Media Technologies (M.Phil. / P.Grad.Dip.)

Duration	12 months full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Dr Dermot Furlong
Course Email	kirkwooj@tcd.ie
Course Tel	+353-1-896 1864
Next Intake	September 2016
Run Jointly with	School of Drama, Film and Music
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 examinations. 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.

Project Management (P.Grad.Dip.)

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

How to Apply

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

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 2016
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

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 , mccorms1@tcd.ie , walshd@tcd.ie
Course Tel	+353-1-896 1047 / 3321
Next Intake	September 2016
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.

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 Trinity's three neighbouring universities provide a stimulating intellectual backdrop to a student's stay at Trinity.

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.)

Theoretical Physics research groups focus on String Theory, Lattice Quantum Chromodynamics, and Mathematical Neuroscience.

String Theory: This is one of the most active areas of research in physics and mathematics, lying at the frontier of both sciences. Briefly, it is an attempt to find a unified theory of fundamental interactions, including gravity. The group's research concentrates on mathematical aspects of string theory with special emphasis on geometric problems and methods. Anton Gerasimov (HMI Senior Research Fellow): conformal and topological field theory, special geometry, integrable systems; Sergey Frolov: string theory, gauge theory/string theory correspondence, integrable systems; Samson Shatashvili: supersymmetric gauge theories, Donaldson and Seiberg-Witten theory, integrable systems, topological strings, string field theory; Tristan McLoughlin: Quantum field theory, quantum gravity, string theory, gauge/gravity correspondence.

Lattice Quantum Chromodynamics: By discretising QCD onto a space time lattice one can make the analytically insoluble equations governing the dynamics of gluons and quarks susceptible to numerical investigation and obtain results that are of direct relevance to tests of the Standard Model of elementary particle physics. The group is a member of the FP7 Marie Curie Initial Training Network iSTRONGnet funded by the European Union. Mike Peardon: Monte Carlo techniques, algorithms for simulating quantum field theories, anisotropic lattices, glueballs, hybrids and exotics, strong decays; Stefan Sint: Non-perturbative renormalisation techniques, determination of quark masses and the strong coupling constant, CKM and Standard Model phenomenology; Sinead Ryan: heavy quark physics, strong and weak decays, CKM and Standard Model phenomenology, novel lattice discretisations.

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 Tel	+353-1-896 1485
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 specialisation 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 modelling, 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.

Biodiversity and Conservation (M.Sc. / P.Grad.Dip.)

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Stephen Waldren
Course Email	swaldren@tcd.ie
Course Tel	+353-1-497 2070
Next Intake	September 2016
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 Director	Dr Padraig Carmody
Course Coordinator	Dr Susan Murphy
Course Email	susan.p.murphy@tcd.ie
Course Tel	+353-1-896 3540
Next Intake	September 2016
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 24 universities across all continents. In it, students receive leading edge transdisciplinary training in four “pillars” – health, natural, social, and management sciences.

The MDP is led by the Trinity School of Natural Science and University College Dublin 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 organisations.

The MDP has five innovative elements that distinguish it from any other M.Sc. in Ireland. It is the first joint Trinity 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, including GIS and climate modelling); Tropical agriculture; 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; and Language training. 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 eighteen class-room based modules and four 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, and Brazil.

In year two, students undertake two further placements. Firstly, students attend the UN Training School and take part in the UN Civil-Military Co-operation (CIMIC) training programme. The exercise involves experiential learning on Civil-Military Co-Operation (CIMIC) and UN CMCoord in a complex, unstable, post-conflict setting. Students participate by role playing in UN bodies and NGOs coordinated in collaboration with the Irish Rapid Response Initiative for Irish Aid. Secondly, 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 Trinity and UCD in collaboration with a number of key partners, including the National University of Rwanda, 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 Trinity and UCD.

The course is jointly taught by Trinity 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 2 weeks from date of submission (of all documents).

Admission Requirements

Entry to the programme is based on competitive selection, and applicants who have excellent primary degrees in the social, health or natural sciences or management are targeted. A high upper second class honours primary degree (or grade point average [GPA] of 3.5 and above) is a general requirement for consideration for admission. In exceptional cases applicants with a lower grade for their degree will be considered if they have demonstrated outstanding achievement in their practical work in the field of international development through their work for government or inter or non-governmental organisations.

How to Apply

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

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 2016
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 biological/earth science background. 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.

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.

How to Apply

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

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 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



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School of Dental Science

Head of School	Professor June Nunn
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 is pleased to announce a new Postgraduate Diploma in Orthodontic Therapy, with its first intake in January 2014.

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.

Clinical Dental Technology (P.Grad.Dip.)

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 between 09.30 and 13.30
Next Intake	September 2016
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 Director	Dr Frank Quinn
Course Email	agnes.hagan@dental.tcd.ie
Course Tel	+353-1-612 7214
Next Intake	September 2016
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	Professor June Nunn and Professor Leo Stassen
Course Coordinator	Dr Mary Clarke
Course Administrator	Ms Catherine Creagh
Course Email	catherine.creagh@dental.tcd.ie
Course Tel	+353-1-6127354
Next Intake	January 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. All 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.)

Course Director	Prof. Ioannis Polyzois
Course Administrator	Catherine Creagh
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, four of which are currently available to applicants:

- Special Care Dentistry
- Periodontics
- Prosthodontics
- Orthodontics

Special Care Dentistry – Course Director Prof. June Nunn
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 Dr 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 Professor Brian O'Connell
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.

Orthodontics

– Course Director Dr Therese Garvey
The aim of the course is to educate dentists to become specialists in orthodontics with a broad academic background and sufficient clinical experience. MFD or equivalent is a requirement for entry on this course. The course follows the guidelines developed by the University of Dublin (TCD), School of Dental Science, in conjunction with Advisory Committee (AC) in Orthodontics of the Irish Committee for Specialist Training in Dentistry.

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.

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	+353-1-612 7337
Next Intake	July 2016
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 analyse 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. 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 Orla Sheils
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 Hughton 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, 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 Trinity 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 Trinity 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

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 2016
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. This M.Sc. course has two separate strands: Advanced Radiotherapy Practice and Radiation Therapy Treatment Planning.

Strand 1: Advanced Radiotherapy Practice. 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. 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

Advanced Radiation Therapy Practice – Clinical Practice (Online P.Grad. Certificate/ P.Grad. Diploma)

Duration	1 year online
Course Coordinators	Ms Michelle Leech and Ms Laura Mullaney
Course Administrator	Ms Dalene Dougall
Course Email	pgradrt@tcd.ie
Course Tel	+353-1-896 3234
Next Intake	September 2016
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 onlines 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.

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 Email	D.McLoughlin@tcd.ie
Next Intake	September 2016
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/).

Admission Requirements

Applicants should normally hold a relevant first degree (e.g. Medicine, Psychology, Biological Sciences) with at least 2nd class honours or equivalent professional qualification (e.g. MB degree) and have at least one year's relevant work experience in mental health. The course will be run 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

Biomedical Sciences – Intercalated (M.Sc. / P.Grad.Dip.)

Duration	1 year full-time
Course Coordinator	Dr Henry Windle
Course Administrator	Ms Patricia Vila
Course Email	gradapps.hs@tcd.ie , hjwindle@tcd.ie , vilap@tcd.ie
Course Tel	+353-1-896 2211/4924
Next Intake	September 2016
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.

Clinical Exercise (Online Certificate)

Duration	1 year online
Course Director	Dr John Gormley
Course Email	clinicalexercise@tcd.ie
Course Tel	+353-1-896 2128
Next Intake	September 2016
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:

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.

Cardiology (M.Sc.)

Duration	2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Dr Caroline Daly
Course Email	gradapps.hs@tcd.ie
Course Tel	+353-1-416 2981 or +353-1-896 3556/3557
Next Intake	September 2016
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 Coordinator	Dr John Gormley
Course Email	gradapps.hs@tcd.ie , jgormley@tcd.ie
Course Tel	+353-1-896 3556 / 3557 / 2121
Next Intake	September 2016
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

How to Apply

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

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

Duration	2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Gerard Boran
Course Email	gradapps.hs@tcd.ie
Course Tel	+ 353-1-896 3556 / 3557 / 3721
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

This M.Sc. 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 M.Sc.

How to Apply

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

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 2016
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.

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 (Thursday) 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 four 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 Administrator	Ms Majella Moloney
Course Email	gradapps.hs@tcd.ie , cbtdip@tcd.ie
Course Tel	+353-1-249 3561
Next Intake	September 2016
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 12-week 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 three 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 St. Patrick's University Hospital on the 10th June 2016.

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
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Mikel Egana
Course Email	gradapps.hs@tcd.ie , physiol@tcd.ie
Course Tel	+353-1-896 3556 / 3557 / 2723
Next Intake	September 2016
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, 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.

How to Apply

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

Global Health (M.Sc.)

Duration	1 year full-time, 2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Fiona Larkan
Course Email	global.health@tcd.ie
Course Tel	+3531 896 4394
Next Intake	September 2016
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 in Health Policy and Management.
Course Coordinator	Ms Mandy Lee
Course Administrator	Ms Stephanie Culson
Course Email	culsons@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 honours degree in a professional discipline or an equivalent qualification. Shortlisted applicants may be requested to attend for interview.

How to Apply

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

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 Helen Miajlovic
Course Email	miajlovh@tcd.ie
Course Tel	+353-1-896 4551
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The M.Sc. in Healthcare Infection Management is a postgraduate qualification that is offered by the Trinity School of Medicine, 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 M.Sc. 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 M.Sc. 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.

How to Apply

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

Implementation Science (P. Grad. Cert.)

Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Professor Joe Barry
Course Coordinator	Professor Catherine Hayes
Course Administrator	Ms Ailbhe Mealy
Course Email	amealy@tcd.ie , hayesc9@tcd.ie
Course Tel	+353-1-896 1087
Next Intake	September 2016
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.

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. Shortlisted 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.

How to Apply

Applications are made online at:
www.tcd.ie/courses/postgraduate/az. The closing date for applications for entry to the course will be April 30th of the year of admission.

Medical Imaging (M.Sc. / P.Grad.Dip.)

Duration	1 year part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Ms Bernadette Moran, moranbe@tcd.ie
Course Coordinators	Brendan McCoubrey, Ann Stafford, Suzanne Dennan and Deborah Prior
Course Administrator	wallacdo@tcd.ie
Course Email	gradapps.hs@tcd.ie , wallacdo@tcd.ie
Course Tel	+353-1-896 4209
Next Intake	September 2016
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 September, 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 research methods and dissertation element of the course is designed to develop the student's research skills. 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).

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

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	30th June 2016
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 fulfils 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

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, Dr Anthony Ryan and Dr Antoinette Perry.
Course Email	gradapps.hs@tcd.ie , molec.medic@tcd.ie
Course Tel	+353 (1) 896 3556 / 3557
Next Intake	September 2016

There is a separate entry on admission to the P.Grad.Dip. in Molecular Medicine.

This course aims to give participants 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 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.

How to Apply

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

Molecular Medicine (P.Grad.Dip)

Duration	1 year part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Dr Ross McManus, Dr Derek Morris, Dr Aideen Long, Dr Henry Windle and Dr Yuri Volkov
Course Email	gradapps.hs@tcd.ie , molec.medic@tcd.ie
Course Tel	+353-1-896 3556/3557 or +353-1-896 3157
Next Intake	September 2016
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 honours 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 Director	Professor Kumlesh K. Dev
Course Email	gradapps.hs@tcd.ie , mscneuro@tcd.ie
Course Tel	+353-1-896 4826
Next Intake	September 2016
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 Institute of Neuroscience (TCIN).

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.

Specialist modules covered include: Form and Function of the Nervous System, Biochemical Basis of Neuropharmacology, Neuropharmacology, Drug Development, Advanced Neuroimmunology, Experimental Neuroscience, Scientific Literature Skills, Neural Engineering, Neuroimaging Technology, Current Topics in Neuroscience, Cellular Neuroscience, and Research Skills.

The third Term consists of a research project on novel aspects of Neuroscience. Trinity College Institute of Neuroscience is 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 utilising 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 a second class honours degree 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 Director	Dr Deirdre Connolly
Course Email	gradapps.hs@tcd.ie
Course Tel	+353-1-896 3556 / 3557 / 3218
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The Masters Degree in Occupational Therapy at Trinity 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 Director	Dr Mary Teeling
Course Coordinator	Dr Mary Jo MacAvin
Course Email	gradapps.hs@tcd.ie, teelingm@tcd.ie, macavinm@tcd.ie
Course Tel	+353-1-896 3556 / 3557 or +353-1-410 3671
Next Intake	September 2016
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 Coordinator	Dr Gerard Boyle
Course Email	gradapps.hs@tcd.ie, boyleg@tcd.ie
Course Tel	+353-1-896 3556 / 3557 or +353-1-416 2769 / 2645 / 2648
Next Intake	September 2016
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, joconno8@tcd.ie
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

This is a two year course in psychoanalytic psychotherapy, conducted as a part of a four year training programme in psychoanalytic psychotherapy. The course provides students with a comprehensive account of psychoanalytic systems as they have developed from the work of Sigmund Freud to the current time. The course provides a comprehensive conceptual and critical understanding of the theoretical basis of psychoanalytic psychotherapy, as well as a thorough training in the application of psychoanalytic theory to psychoanalytic clinical practice.

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 academic 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.

Admission Requirement:

Applications are invited from candidates who are graduates of recognised University courses, with a 1st class or 2nd class honours primary degree from a recognised Institution.

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	jhussey@tcd.ie
Course Tel	+353 1 896 2125
Next Intake	September 2016
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.

Sports and Exercise Medicine (M.Sc.)

Specialist themes covered include: Cardiovascular and Respiratory Physiology Exercise Prescription, Clinical Exercise Prescription, Research Methods and Statistics, Physiotherapy in Respiratory Medicine, Clinical Practice in Respiratory Physiotherapy, Health Policy and Management Research Dissertation.

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.

Admission Requirements

The course is offered as a PG Diploma and a Masters in Respiratory Physiotherapy. It builds on the basic knowledge gained in undergraduate study - clinical experience. As such, to be eligible for admission, applicants must fit the following criteria. Physiotherapists with a relevant undergraduate degree that deems them eligible for membership of the ISCP.

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr Nicholas Mahony, Mr Bernard Donne
Course Email	gradapps.hs@tcd.ie , anatomy@tcd.ie
Course Tel	+353-1-896 3556 / 3557 / 1182
Next Intake	September 2016
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 Director	Dr Graham Pidgeon
Course Coordinators	Dr Joanne Lysaght, Dr Jacintha O'Sullivan
Course Email	msconcol@tcd.ie
Course Tel	+353-1-896 4259
Next Intake	September 2016
Course information	www.tcd.ie/courses/postgraduate/az

This M.Sc. programme 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. programme 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 M.D. or Ph.D. 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 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. Applications for admission to the course should be made through the online system. Late applications will be considered provided places are available.

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)	Professor Joan Lalor
Telephone	+353-1-896 2579
Email	nursing.midwifery@tcd.ie, j.lalor@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.

Advanced Nurse Practitioner – Emergency Department (M.Sc./P.Grad.Dip)

Duration	2 years part-time
Closing Date Details	30th June 2016
Course Coordinator	Ms Sandra Fleming
Course Administrator	Ms Anita Malzone
Course Email	Elaine Moore, PGT.Nursing.Midw@tcd.ie
Course Tel	+353-1-896 2691 / 8465
Next Intake	September 2016
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 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.

MSc 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 honours 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.

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	nichollh@tcd.ie, pgt.nursing.midw@tcd.ie
Course Tel	+353-1-896 4041
Next Intake	September 2016
Course Location	This course is run by the Trinity School of Nursing and Midwifery in association with the National Children's Hospital, Tallaght and affiliated clinical sites.
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 Trinity access to Nursing programme or a Degree in Nursing.

How to Apply

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

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 Philibin
Course Emails	cnicphil@tcd.ie, PGT.Nursing.Midw@tcd.ie
Course Tel	+353-1-896 3015 / 8465
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

The MSc 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. 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

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

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, pgt.nursing.midw@tcd.ie
Course Tel	+353-1-896 3021
Next Intake	September 2016
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 2016

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 honors 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.)

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 , pgt.nursing.midw@tcd.ie
Course Tel	+353-1-416 2266 / 896 3753
Next Intake	September 2016
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.)

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 , pgt.nursing.midw@tcd.ie
Course Tel	+353-1-896 3005
Next Intake	September 2016
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.

Midwifery (H.Dip.)

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
Course Tel	+353-1-896 2692
Next Intake	September 2016
Course Information	www.tcd.ie/courses/postgraduate/az

This course is taught by the Trinity School of Nursing and Midwifery in partnership with The Rotunda Hospital, Dublin and The Coombe Women's 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: a. 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) and c. A minimum of 6 months full-time recent clinical nursing practice or equivalent since registration as a general nurse 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

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.

Admission Requirements

Candidates for this course will be currently working in mental health/mental illness field; and in the case of the Child, adolescent and family strand, be working in child, adolescent and family mental health services and have a minimum of one year's recent experience in the area of mental health/mental illness; and in the case of the child, adolescent and family strand, 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. Candidates will also 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 course.

How to Apply

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

Midwifery (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	Caitriona Nic Philibin
Course Emails	c.nicphilibin@tcd.ie , PGT.Nursing.Midw@tcd.ie
Course Tel	+353-1-896 3109 / 3892
Next Intake	September 2016
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 hÉireann (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
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Ms Sandra Fleming
Course Administrator	Ms Anita Malzone
Course Emails	flemings@tcd.ie , PGT.Nursing.Midw@tcd.ie
Course Tel	+353-1-896 2691 / 8465
Next Intake	September 2016
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)

Duration	1 year part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Email	ryanfr@tcd.ie , pgt.nursing.midw@tcd.ie
Course Tel	+353-1-896 3925 / 3892
Next Intake	September 2016
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.)

Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Administrator	Ms Eleonora Cento
Course Co-ordinator	Dr Fintan Sheeran
Course Email	pgt.nursing.midw@tcd.ie
Course Tel	+353-1-896 3753
Next Intake	September 2016
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 and 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.

Nursing – Child Health and Wellbeing (M.Sc./P.Grad.Dip)

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

Duration	1 year full-time, 2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Caitriona Nic Philibin
Course Administrator	Ms Anita Malzone
Course Emails	cnicphil@tcd.ie , PGT.Nursing.Midw@tcd.ie
Course Tel	+353 1 896 2691 / 8465
Next Intake	September 2016
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.

Specialist Practice (P.Grad.Cert.)

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.)

Duration	2 years part-time
Course Coordinator	Dr Kevin Connaire
Course Emails	connaik@tcd.ie , PGT.Nursing.Midw@tcd.ie
Course Tel	+353-1-832 7535 / 896 3005
Next Intake	September 2016
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 operationalised 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 operationalised when caring for individuals with life threatening illness and their families. Hold an honours 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

Closing Date Details	www.tcd.ie/courses/postgraduate/az
Next Intake	September 2016
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.

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.

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 year's 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.

Interdisciplinary – Mental Health incl the Psychosocial Interventions strand: Applicants must 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.

Interdisciplinary – Mental Health – Child, Adolescent and Family strand: Applicants must 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.

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 honours 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 (II.2 or III), 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 Marek Radomski
Director of Teaching & Learning (Postgraduate)	Professor John Gilmer
Telephone	+353-1-896 2809
Email	edaly3@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 since 1977. The School is located at the East End of the Trinity 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 Trinity'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).



Community Pharmacy (M.Sc. / P.Grad.Dip.)

Duration	2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Asst. Professor Sheila Ryder
Course Email	sryder@tcd.ie , community.pharmacy@tcd.ie
Course Tel	+353-1-896 3736 / 2786
Next Intake	September 2016
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
Course Tel	+353-1-416 2586/2467
Next Intake	September 2016
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 honours (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 Analysis (M.Sc. / P.Grad. Dip.)

Duration	1 year full-time, 2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr John F Gilmer
Course Email	gilmerjf@tcd.ie
Course Tel	+353-1-896 2795
Next Intake	September 2016
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, specialised pharmaceutical methods of analysis, biological and pharmacological methods and pharmaceutical formulation. 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 honours degrees in a relevant Science discipline (e.g. Pharmacy, Chemistry, Analytical Chemistry, Microbiology, Biochemistry, Pharmacology and other appropriate primary honours degrees e.g. I.T., Medicine or Veterinary). Equivalent primary and/or postgraduate qualifications are considered, particularly with relevant professional experience. 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 Manufacturing Technology

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

Duration	2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Lorna Loughrey
Course Email	dippmt@tcd.ie, lorna.loughrey@tcd.ie
Course Tel	+353-1-896 2811 / 2812
Next Intake	September 2016
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 Technology

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

Duration	1 year full-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Coordinator	Dr Lidia Tajber
Course Email	lidia.tajber@tcd.ie
Course Tel	+353-1-896 2787
Next Intake	September 2016
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 honours 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

Pharmaceutical Sciences

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

Duration	1 year full-time, 2 years part-time
Closing Date Details	www.tcd.ie/courses/postgraduate/az
Course Director	Dr John F Gilmer
Course Email	gilmerjf@tcd.ie
Course Tel	+353-1-896 2795
Next Intake	September 2016
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 honours degrees in a relevant Science discipline (e.g. Pharmacy, Chemistry, Analytical Chemistry, Microbiology, Biochemistry, Pharmacology and other appropriate primary honours degrees e.g. I.T., Medicine or Veterinary). Equivalent primary and/or postgraduate qualifications are considered, particularly with relevant professional experience. 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

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 2016. 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.

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Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin