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Provost's Welcome



Hello everyone,

I have the great privilege of being the Provost and President of this university - Trinity College Dublin.

I love Trinity. It is a great place to study and a great place to work, and I hope I will be welcoming you here in the future.

Trinity is a university that is about understanding the past deeply, as well as building new futures. We are preparing a new generation of global citizens and global leaders.

We are the oldest university in Ireland – 430 years old – and, if you study here, you will be following in the footsteps of great people: from creatives such as Oscar Wilde, to international leaders and social justice champions like Mary Robinson and Mary McAleese, as well as Nobel laureates like writer Samuel Beckett and scientist William C. Campbell.

There have been seismic shifts in the world in recent times. At Trinity, we care about the future – we are hugely committed to the future of our planet, to its sustainability, to the wellbeing of our society and to an open and democratic world. We understand the need to push the boundaries of STEM, Health Sciences, Arts, Humanities and Social Sciences.

If you join us, you will be learning from staff who are passionate about research and whose teaching is informed by this passion. If you join us, you will be here to challenge us too and bring your ideas and new thinking to Trinity. It is a two-way street.

Of course, a Trinity education is about much more than the lecture theatre, the library or the lab. It is about the wider student experience. We have almost 170 clubs and societies covering a wonderful range of activities so you can engage fully in college life. There are many student publications where you can share your thoughts and develop your ideas, and there are many different sports clubs in which you can participate, no matter what your level.

I look forward to welcoming you to the Trinity community!

**Professor Linda Doyle
Provost & President**

WATCH VIDEO 

Why Choose Trinity?

Ireland’s Leading University

Trinity College Dublin, the University of Dublin is an international university, steeped in history with a reputation for excellence in education, research and innovation.

Trinity is Ireland’s leading university and has been inspiring generations of brilliant thinkers for over 400 years. Join our body of more than 21,000 students around the world and be taught by some of the most influential and reputable professors in their fields.



Eoin Jackson, Westmeath, Ireland
Law
I chose Trinity due to the warm and welcoming atmosphere I experienced on its open day. I found the module options to be varied and interesting and the people seemed genuinely passionate about their subjects and the college itself.



Sofia Gonzalez Crespo, UAE
Undergraduate: Law
I always dreamed of going to a renowned university. I visited many universities but none of them appealed to me the way Trinity did: through the professors being one of a kind, having state of the art facilities and the community having a real family atmosphere. I instantly knew I wanted to be part of such a great university. I am really enjoying my course and I love how quickly I have been able to adapt.

Global Rankings

1st
Ranked as Ireland’s leading university
QS World University Rankings 2024



81st
in the world
QS World University Rankings 2024

Top 50
University in the world across 3 subject areas
QS World University Rankings by Subject 2023

Global University

16th
Most international university in the world
Times Higher Education World University Rankings 2023



34%
of the student body come from outside Ireland

139,000
Trinity alumni (graduates) in more than 150 countries worldwide

Vibrant and Inclusive Campus

9th
Trinity is ranked 9th in Europe for gender equality
Times Higher Education University Impact Ranking 2023



126
A diverse student body with students from 126 different countries

169
sports clubs and societies

Graduate Opportunities

1st
in Ireland for employer reputation and alumni outcomes
QS World University Rankings for Graduate Employability 2022



91st
in the world for graduate employability
QS Graduate Employability Rankings 2022

500
Trinity has more than 500 industry partners, including Microsoft, Google, IBM, Pfizer, Roche, Facebook, and more.

WATCH VIDEO



Trinity Graduate Attributes

Students come to Trinity not only to acquire a certain set of facts or competencies, but because they have an understanding of the sort of person they want to become. Building on the strong value placed on a solid disciplinary formation, we wanted to answer the question 'what kind of person can I be?' We distilled this sense of transformation into four Trinity graduate attributes listed opposite.

Defining the Trinity Education, these attributes encompass the qualities, skills and abilities that our students have the opportunity to develop throughout their entire university experience – both in and outside the classroom in activities such as internships or volunteering. They will benefit our students not just in their careers, but in their future lives as individuals and members of society.

TRINITY GRADUATE ATTRIBUTES



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



Trinity Open Day 2023

Saturday 4th November 2023

Register now for our on campus open day at

www.tcd.ie/openday

MEET OUR
Professors
& Staff

FIND OUT
ABOUT OUR
Undergraduate
Courses

CHAT WITH OUR
STUDENTS ABOUT
Trinity
Student Life

LEARN
ABOUT OUR
169 Clubs
& Societies

TAKE ONE OF OUR
Campus
Tours

Discover what Trinity
is **REALLY** all about!

Find out more at
www.tcd.ie/openday





Student Life at Trinity

Your First Months at Trinity

Freshers' Week

What happens after you join us in Trinity? Your first week is known as Freshers' Week. There are no classes, so it's all about meeting your new classmates, information sessions, seeing what sports clubs and societies you want to join, meeting your student mentor who will give you a tour of campus and organise social events, meeting your tutor who will provide support to you throughout your years in Trinity, and, of course, the Freshers' Ball.

What Happens after Freshers' Week?

After the excitement of Freshers' Week, teaching starts and you get a chance to settle into your course. Most classes are a mixture of lectures and tutorials and some have practicals as well. The tutorials are less formal and give you a chance to explore and discuss the topics covered in lectures with your classmates and teaching assistants.

Your class representative and mentors organise events throughout the year that give you further opportunities to get to know your classmates.

Trinity in Twelve Weeks

The "Trinity in Twelve Weeks" programme aims to continue your orientation during your first semester and help your transition to university life. Trinity in 12 Weeks gives students information and video tutorials on making the most of studying and socialising while on campus. The programme has a new theme every week, through study and exam skills to how to look after yourself while you're at university. Your mentors will be in touch with you every week to let you know what the week's theme is and to arrange events and activities.

Student Life

University life is about so much more than just education and nowhere is this more evident than at Trinity. Trinity sits in the heart of Dublin city where there are endless extracurricular and recreational opportunities. You can immerse yourself in a broad range of sports clubs and student societies and through these activities you will get a real sense of the 'Trinity Experience', something that extends far beyond lectures, tutorials and exams.

Trinity Ball

At the end of the academic year, we at Trinity host the biggest private party in Europe. The Trinity Ball sees thousands of students in ball gowns and tuxedos enjoying Trinity's very own music festival. Marquees and stages are set up across campus, with festivities kicking off at 10pm and acts playing until 5am.

The Pav

The Pavilion Bar, affectionately known as the Pav, is located at the heart of Trinity, overlooking College Park. There really is nothing better than sitting out on the grass with your friends when the sun is shining. The Pav is a place for you to chill out and enjoy a green oasis in the middle of a bustling campus.

Student Societies

At Trinity, we have dynamic student societies, always actively looking for new members, covering interests from animation to zoology.

We are home to the world's oldest student societies, the 'Hist' or Historical Society (founded in 1770) and the 'Phil' debating society (founded in 1683). Esteemed political leaders and cultural icons alike have made guest appearances, from Hollywood heavyweights such as Martin Scorsese to International Space Station commander Chris Hadfield. Find out more at: www.trinitysocieties.ie

Trinity Publications

Trinity students produce the most diverse selection of student publications of any third level institution in Ireland. Publications include Trinity News, the University Times, Icarus, The Piranha, TCD Miscellany and Trinity Film Review.

Contributors are regular award winners at the National Student Media Awards and many of our alumni have had very successful careers including author and journalist Mark Little; Peter Murtagh (reporter, The Irish Times) and Eoin McVey (managing editor, The Irish Times); Paul McGuinness (former manager of U2).



WATCH VIDEO





Katie Smirnova
Naas, Ireland
Environmental Science

Get involved! The best decision I ever made was joining the Climbing Club, Environmental Society, and Green Campus. It's much easier to make friends at training sessions or coffee mornings where you already have a mutual topic of conversation beyond the lecture you just went to. Trust me, you won't regret it.

Trinity Sport offers something for everyone, whether you want to perform at the highest level or simply want to participate in our social sports programme and have a bit of fun. Whatever your preference is, Trinity Sport has got it covered.

Sports Centre

The Sports Centre, located at the Westland Row end of campus, is where the majority of our fitness classes and programmes take place, seven days a week. All our students are automatically members of the Sports Centre granting them access to the facilities. Facilities include a 25-metre swimming pool, climbing wall, fully equipped gym with free weights and cardio machines, virtual cycle and a wellness room. There are small additional costs for some classes.

WATCH VIDEO 



Sports Facilities

In addition to the Sports Centre, Trinity has a number of other sports facilities both on campus and off.

- Botany Bay – available to hire for tennis and futsal
- College Park – used for rugby, soccer, cricket, hockey, athletics
- Santry Sports Grounds – a short bus ride north of the campus, Santry is the home of Trinity GAA, hockey, soccer, American football, rugby and ultimate frisbee
- Iveagh Sports Grounds – a short bus ride west of the campus, this site in Crumlin hosts GAA, rugby, bowls, tennis and hockey matches
- Islandbridge – the boathouse is the base for Trinity men's and women's rowing sports clubs.

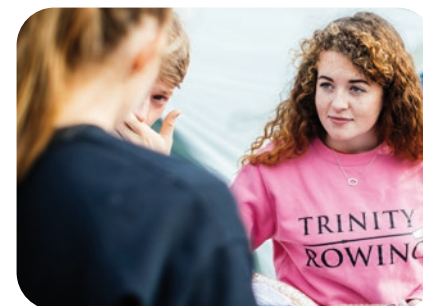


Sports Clubs

There are many sports clubs to choose from including: aikido, American football, badminton, barbell, basketball, boating, boxing, camogie, climbing, cricket, croquet, cycling, equestrian, fencing, Gaelic football, golf, handball, harriers, hockey, hurling, judo, karate, kayaking, lawn tennis, netball, orienteering, rifle, rugby, sailing, snow sports, soccer, squash, sub aqua, surfing and bodyboarding, swimming, table tennis, taekwondo, trampoline, ultimate frisbee, triathlon, volleyball and windsurfing. Find out more at: www.tcd.ie/sport/student-sport/clubs

Student Volunteering

Trinity has a long history of our student and staff volunteering across a wide range of sectors and charities, both nationally and internationally. Volunteering doesn't just benefit others, but can be a self-fulfilling opportunity to contribute to the community, develop a range of skills and increase your confidence. Find out more at: www.studentvolunteer.ie



The Irish Language/An Ghaeilge

Irish language and culture is a vibrant aspect of campus life and Trinity offers a rich and varied programme of events, as well as learning and social opportunities through Irish for students of all levels of ability. Free Irish classes, from beginners to advanced levels, are offered to all students. Our Irish Language Residency Schemes provide accommodation and a grant to students who are seeking to live with other Irish speakers and promote the language. For more information, see: www.tcd.ie/gaeloifig/en

Tá an Ghaeilge agus cultúr na hÉireann beo bríomhar ar champas na hollscoile agus cuireann Coláiste na Tríonóide clár éagsúil imeachtaí agus deiseanna foghlama agus sóisialta ar fáil trí Ghaeilge do mhic léinn ag gach leibhéal cumais. Cuirtear ranganna Gaeilge, ó bhunleibhéil go hardleibhéil, ar fáil saor in aisce do gach mac léinn. Cuireann ár Scéimeanna Cónaithe lóistín agus deontas ar fáil do mhic léinn ar mian leo cónaí le cainteoirí Gaeilge eile agus an teanga a chur chun cinn sa choláiste. Le haghaidh tuilleadh eolais: www.tcd.ie/gaeloifig



A Sustainable Campus



WATCH VIDEO



Trinity is committed to tackling the global challenges of climate change and biodiversity loss for a healthy, sustainable future. As a Nature Positive university, we are putting environmental sustainability at the heart of our education, research and campus life.

Do you want to be a future leader?

The world is experiencing a period of rapid environmental and social change, which poses risks and opportunities for us all. The leaders and workforce of the future need to be equipped to handle these transitions in a just and sustainable way. To gain the knowledge, skills and resilience that will be needed, Trinity offers students a range of ways to learn about sustainability, and to develop the kind of innovative thinking and adaptability that will be needed.

Education – how can I learn more about sustainability?

As well as addressing sustainability in subject-specific ways as part of the curriculum of your chosen course at Trinity, most students can learn about sustainability issues through cross-disciplinary Trinity Elective modules.

These are taught by experts across a range of disciplines, with modules including:

- Systems – the Science of Everything
- The Psychology of the Climate Crisis
- Toolkit for a Smart and Sustainable World.



Innovation and action – how can I apply my knowledge?

Increasingly, employers seek graduates with the knowledge and skills needed to face a changing world. There's never been a better time to get involved. One way is by innovating for sustainable solutions with Tangent, Trinity's ideas workspace, which acts as a hub for innovation and sustainable entrepreneurship. Find out more at www.tcd.ie/tangent

Another is by joining the Green Campus Committee, Students Union, and Student Societies, which provide an opportunity for you to learn more, get involved, and take positive action. Find out more at www.tcd.ie/provost/sustainability/resources

Green Week

This week-long festival during Semester 2 is a focal point of activity across campus. It involves student-focused events such as a careers expo. It's a showcase for the cutting-edge knowledge and innovation in Trinity, and an opportunity to do things differently. Find out more at www.tcd.ie/provost/sustainability/greenweek/green-week-2023.php



Did you know?

Trinity has held a Green Flag for campus sustainability since 2013



Accommodation

Living in Trinity accommodation brings a further dimension to your participation in university life. You will be living as part of the Trinity community and will have greater opportunities for getting involved in many aspects of student life while making lifelong friends.



Trinity Hall

Trinity Hall is a first year undergraduate off-campus residence located in Dartry, near Rathmines, approximately 4km (2.5 miles) from the Trinity campus in Dublin city centre. Trinity Hall is easily accessible from Trinity by bus and the LUAS light rail line. There are more than 900 beds at Trinity Hall and a significant number are reserved for new entrants to the university. Rooms are arranged in self-catering apartments, with each typically accommodating six people and consisting of a mix of single and twin en-suite bedrooms with a large, shared kitchen/living room.

WATCH VIDEO



Shared facilities for the halls include a games room, music room, computer room, sports hall, social spaces and a self-service launderette. The reception area is open 24/7. Residents of Trinity Hall also become members of the Junior Common Room, which organises a range of extracurricular activities. Find out more at: www.tcd.ie/accommodation

Rooms on campus are primarily reserved for final year Trinity students and scholars. There are also a number of rooms on campus suitable for students living with mobility issues who can live independently. Students may apply for a room once they have accepted a place at Trinity. CAO applicants may apply in advance of receiving an offer. Find out more at: www.tcd.ie/accommodation

Other Options for First Year Students

For students who do not apply for, or do not secure a place in university accommodation, the alternative is to seek private rented accommodation, usually sharing an apartment or a house with other students.

The Accommodation Advisory Service helps students find accommodation by providing them with advice and access to house-hunting resources. A database of properties is available to view all year round. During August and September, a fully staffed service is run from the Students' Union Office. The team can provide information and contacts for students wishing to secure rented accommodation and offers guidance on what to look for when renting.

Phones are provided so that students may contact landlords. The Advisory Service may also be able to give some information on lodgings (residing in a room in a house with meals provided). For further information and advice see: www.tcdsuaccommodation.org





Did you know?
Trinity is the 16th most international university in the world
Times Higher Education 100 Most International Universities in the World 2023

A Global Campus



As Ireland's highest-ranked university located in the centre of the vibrant, multicultural capital city, Trinity is committed to educating global citizens, be they Irish students making an international impact or students from 126 countries sharing their cultural experiences with the Trinity community.

Discover Ireland with the International Student Society

The International Student Society was founded in 1984 to promote communication between the Irish students of Trinity and those coming from abroad and now has more than 500 members. Events include social nights, talks and presentations, film screenings, day trips and weekends away. This is only one of the many societies on campus with an international focus.

International Societies and Clubs

Trinity is famous for its diverse society life and Trinity societies and clubs with international themes include: Afro-Caribbean Society, American Football Club, Arabesque Society, Caledonian Society, Capoeira Society, Chinese Society, Cumann Gaelach, Europa Society, French Society, Germanic Society, Indian Society, International Student Society, Italian Society, Japanese Society, Jewish Society, Korean Society, Modern Languages Society, Muslim Student Association, Society for International Affairs, South East Asian Society, and Trinity Global Development Society.

International Student Supports

Trinity Global Room

The Trinity Global Room is a unique social and event space for all students that has quickly become a hub of activity on campus. This is a place where international and Irish students can meet in a social and friendly environment at the hundreds of events run at the Global Room each year. No two days are the same in the Global Room. Hosting close to 400 events a year, the Global Room highlights the richness of Trinity's entire student community.

With Student Support Officers and a team of student ambassadors, the Trinity Global Room is a great first stop for students with questions about navigating Trinity, Dublin and Ireland.

Find out more at: www.tcd.ie/study/international/student-experience

Belong – New to Dublin

Global Room staff run this programme for all students who are new to Dublin, whether you are from outside Dublin or outside Ireland. The groups meet in the Global Room every Monday evening for the first five weeks of term and cover everything from Dublin grocery shopping and public transport to making friends and adjusting to the culture in Dublin.



International Student Orientation

During Freshers' Week, Trinity runs a series of sessions for both EU and non-EU students addressing cultural adjustment as well as practical concerns such as banking and immigration. Find out more at: www.tcd.ie/orientation

Trinity Smart Start Programme

This week-long programme is designed to introduce new international students to Irish history, literature and culture as well as help students adjust to life in Trinity and Dublin. The course runs the week prior to Freshers' Week and details can be found at: www.tcd.ie/study/international/pre-session-programmes/smart-start.php

English for Academic Purposes

Trinity offers both pre-sessional and in-session English language programmes for incoming and current students who are non-native speakers of English. Please note places are limited. Find out more at: www.tcd.ie/slscs/english

Did you know?
Trinity students come from 126 different countries around the world



Your Support Network

Trinity is an exciting place, full of opportunities to learn, make friends, and experience new things. While Trinity delivers world-class courses, it is not just about your academic development: we also want Trinity to be a place where you can develop socially, morally, culturally and personally. There is always someone to listen and help. We want to make sure that Trinity is a place where you are given the best chance to reach your goals.

Personal Tutor

In your first week in Trinity you will be assigned a personal tutor (a member of our academic staff). Your personal tutor will then be available throughout your time in Trinity to offer help and advice on topics such as changing course, deferring exams, appeals of progression decisions, taking a year out, and financial difficulties, as well as family and personal problems. Find out more at: www.tcd.ie/senior_tutor

Student Mentors

You'll meet your Student 2 Student (S2S) mentors during Freshers' Week and they will make sure that you know other people in your course before your classes even start. They will also show you around the campus and will keep in regular touch, inviting you to events on and off campus. S2S also offers Peer Supporters, students available for one-to-one conversations on request. They're highly trained, confidential and very approachable. All S2S volunteers are students, just like you, so you never have to worry about asking them a question or talking to them about anything that's worrying you. Find out more at: student2student.tcd.ie

WATCH VIDEO



Access Services – Trinity Access Programmes

TAP (the Trinity Access Programmes) provide a range of supports to students who enter Trinity through the Higher Education Access Route (HEAR), Foundation Courses for Young Adults and Mature Students, the Disability Access Route to Education (DARE) and the City of Dublin Education and Training Board (CDETB) University Access Courses.

These supports include:

- A tailored pre-university orientation programme
- Academic supports such as extra tuition, a writing resource centre, laptop lending service, maths help room and a designated study space with IT resources
- Social and personal supports – each student is linked to a member of the TAP staff, their TAP advisor to offer advice, guidance and to support and assist with any personal or academic issues
- Financial support (when available and applicable) including a TAP scholarship, supported childcare scheme and the TAP emergency fund.

Further information about the full range of TAP services and supports can be found at: www.tcd.ie/trinityaccess

Mature Students Officer

Trinity welcomes mature students and a mature student officer is available to provide guidance and support to prospective applicants. Supports include:

- Application advice and clinics
- Further/Adult education campus visits
- Shadowing opportunities
- A tailored Getting Organised Seminar in July and an orientation programme for mature students prior to the start of term in September.

For further information on studying in Trinity as a mature student please visit: www.tcd.ie/maturestudents

Clodagh Byrne Mature Students Officer

Trinity has a great history of encouraging and welcoming mature students to become part of our community. Mature students represent an important and valued cohort in the university. I look forward to meeting you at one of our upcoming events.



Disability Service

The Disability Service aims to develop clear and effective support systems at all stages in the student journey, from entering university, to graduation, to employment. Students with a disability are encouraged to register with the Disability Service at Trinity to seek supports where the disability could affect their ability to participate fully in all aspects of their life in college. Here are a few, but not all, of the supports and services available to students with disabilities:

- Advice to Leaving Certificate students thinking of coming to Trinity on admission, course choices, and supports
- A tailored pre-university orientation programme for entrants and parents
- A Disability Officer who will assess your needs and work with you during your student journey
- The use of assisted technologies to assist in your learning
- Occupational Therapy support, which provides confidential, practical support for students who may be experiencing mental health difficulties and/or physical and sensory difficulties.

For more information on the Disability Service and supports available, visit: www.tcd.ie/disability

Students' Union Supports

As a Trinity student, the Students' Union (SU) is your union – run for students, by students. It represents you, looks after your needs, and fights for your student rights. Students can get involved with the SU from the moment they arrive in Trinity, whether that's becoming a Class Rep, getting involved with SU Council or even running to become a sabbatical officer. Find out more at: www.tcdsu.org



László Molnárfi TCDSU President

The Students Union are the voice of students and fight to change the system. We are faced with so many challenges, from a neo-liberal government that underfunds education leading to widespread staff casualisation, a terrible housing crisis leaving students without accommodation and rising far-right forces threatening marginalised groups. Our society is becoming one where the most vulnerable are treated with the greatest disrespect. If you want to get involved, or need a helping hand, we are here to help. Together, we are stronger.



Health Service

The Health Service provides primary care medical services for students.

- Student consultations are free of charge with modest fees for additional services
- There are specialised clinics in physiotherapy, psychiatry, travel health, sexual health, smoking cessation and minor surgery
- It also focuses on the psychological and occupational aspects of student health and health education.

Health Care Provision in Ireland

All EU students from outside the Republic of Ireland pursuing a full degree programme should contact the Health Service Executive for advice regarding healthcare provision at: www.hse.ie

- 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 obliged to take out insurance cover for hospitalisation before leaving their home country. In order to register with the Irish Naturalisation and Immigration Service, as all non-EU students are required to do, you must show proof of health insurance to cover any major medical care necessary during your stay. For more information, check out: www.tcd.ie/students/orientation/add-int

Student Counselling Service

Our goal is to help you succeed at Trinity. We provide a range of free, confidential, and professional services to all registered Trinity students:

- Short-term counselling for personal issues, including a daily emergency session and lunchtime drop-in consultations
- Supportive groups teaching methods to help with managing anxiety, dealing with bereavement and developing mindfulness
- Wellbeing workshops focused on personal issues such as self-esteem, assertiveness, relaxation, and managing stress
- Information on keeping mentally healthy and overcoming challenging times
- An after-hours Niteline telephone service run by students for students. Freephone 1 800 793 793, 7 nights per week during term-time, 9pm – 2.30am.

Find out more at: www.tcd.ie/student_counselling

Day Nursery

Trinity's Day Nursery takes care of children from three months to 4.5 years of age. The Day Nursery is open for 51 weeks of the year from 8am – 6pm during term time and 8am – 5.30pm outside of term time. The nursery is approved for the CCS, ECCE and CETS schemes. The nursery offers very competitive rates and more information can be found at: www.tcd.ie/about/services/daynursery



Your Learning Supports

At Trinity, we see students and staff as partners in the learning process. We expect students to actively engage with their programme of study, in collaboration with their professors. Many of our degree programmes have lectures where the full class are together. These are accompanied by smaller tutorial groups for more in-depth discussions and problem solving and/or small lab groups for applying the learning from lectures. We are here to support you through your university journey.

Supporting Your Transition from Second-Level

Learning at university is different to secondary school and it can be a challenge to manage your own time, meet deadlines, submit assignments, understand the material and motivate yourself to study. This can happen to all students, no matter where you come from or what your background. Student Learning Development (SLD) can help you study effectively and be successful with our range of services including face-to-face and online workshops, individual consultations and our Blackboard online module – Academic Skills for Successful Learning. Additional learning supports are available from the Maths Help Room and the Programming Centre. Find out more at: www.student-learning.tcd.ie

The Library

The Library will be the centre of where you study and learn. Starting with welcome tours during Freshers' Week, we are available to help you get to know the Library and to support you throughout your time at Trinity. We run drop-in information skills sessions and you will have a dedicated Subject Librarian to guide and assist you with finding, evaluating and citing quality references for your assignments. You will also have access to group study rooms, sensory spaces, a 24-hour study space, printing facilities, and the largest collection of books and journal articles in Ireland. As a legal deposit library, we also have a copy of every book and periodical published in the Republic of Ireland and the United Kingdom. Find out more at: www.tcd.ie/library

IT Services

As a student at Trinity, you'll receive an @tcd.ie email address. The student email service is a lot like Gmail as it is provided by Google. You'll also get a username and password which give you access to a wide range of IT services, including access to Trinity Wi-Fi for you to connect your computer, tablet or phone to the internet. Computer rooms are located across campus, with both PC and Mac computers available. Printing services, including photocopying and scanning, are available in computer rooms and in libraries. Find out more at: www.tcd.ie/itservices

WATCH VIDEO



An Innovative Campus

As a European leader in student entrepreneurship, Trinity is committed to empowering our students. Ensuring their development inside and outside of the lecture theatre, we encourage our graduates to develop an agile, entrepreneurial mindset.



Did you know?

While studying your degree, you can complete a certificate in innovation and entrepreneurship.

Tangent, Trinity's Ideas Workspace offers students a place to come together to collaborate, build and innovate. Housed in Trinity's world-class Business School, Tangent activities empower our students to forge their own paths during and after their time at Trinity. Whether they wish to solve global challenges or set up their own businesses, Tangent fosters more agile, resilient, and outward-looking graduates.

LaunchBox, Tangent's Student Accelerator Programme

LaunchBox is Tangent's summer student accelerator run by Trinity. LaunchBox is open to teams of Trinity students with an early-stage business they want to develop. This competitive summer programme provides office space; funding; mentorship; access to alumni, partner and investor networks; and the ideal collaborative environment to launch new startup ventures, and offers €10,000 of funding to successful startups. Since the programme's inception, LaunchBox alumni have collectively raised €69 million in funding and 122 full-time jobs have been created by LaunchBox startups to date. Find out more at: www.tcd.ie/tangent/programmes/accelerators/launchbox

Women Who Wow, Women's Mentorship Scheme

Women Who Wow is a mentorship programme aimed at female Trinity students interested in setting up their own businesses or social venture one day.

Each year, Women Who Wow pairs female students with experienced female mentors. These mentors share their knowledge and experience, and in turn help our students

develop their business ideas, pursue opportunities in the startup industry, help them to network, or simply empower them to get where they want to go.

Find out more at: www.tcd.ie/tangent/programmes/mentorship/women-who-wow/

Open Incubator, developed at Tangent

The Open Incubator is designed to empower Ireland's university-associated innovators, using scalable systems to collaborate with universities nationwide and demystify the national innovation ecosystem.

Powered by Irish universities, the Open Incubator aims to establish Ireland as a global leader in university-based entrepreneurship.

Find out more at: www.tcd.ie/tangent/programmes/accelerators/open-incubator/

The Provost's Innovation Challenge at Tangent

An annual competition, the Provost's Innovation Challenge, offers students the opportunity to win €10,000 funding for the development of your solution over the summer months. Our hackathon for the challenge takes place in March each year.

Find out more at: www.tcd.ie/tangent/programmes/accelerators/provosts-innovation-challenge

WATCH VIDEO



Undergraduate Certificate in Innovation and Entrepreneurship

Open to second and third year students from any discipline, the course aims to develop the core skills of innovation and enterprise in our undergraduates. This Level 7-accredited programme is delivered in a hybrid format with a mixture of online learning and in-person evening classes once a week. It targets ambitious students who want to understand and appreciate how innovation can be applied to solving global challenges and how these skills may also be applied to setting up their own business ventures. Graduates of this course will gain a qualification in addition to their undergraduate degree.

Find out more at: www.tcd.ie/tangent/programmes/undergraduate



Opportunities Abroad

Trinity is committed to educating globally aware and engaged citizens who are able to address the many global challenges of the future. Gaining international experience gives you the opportunity to experience new ways of living and learning, immerse yourself in different cultures, and open your mind to the possibility of working overseas.

Go abroad with Trinity

Many Trinity courses include opportunities to go abroad, for cultural and practical learning, as core components. Students can travel to one of Trinity's many partner universities for a semester or a year. An increasing number of internships and research placements are also available.

Trinity is a long-standing participant in the Erasmus university exchange programme and there are hundreds of options for students to learn at universities across Europe. Students can also look at exchange programmes further afield at partner institutions in Australia, Canada, Chile, Cuba, China, Hong Kong, India, Japan, New Zealand, Singapore, South Africa, South Korea, Thailand, and United States.

Students do not pay additional tuition fees and can receive an Erasmus grant or compete for Global Mobility Bursaries to off-set the costs of travel.

You can find more information at:
www.tcd.ie/study/study-abroad

Why go abroad?

Diversity of Thought

Travel helps students to develop a cultural sensitivity. This ensures greater cultural appreciation and builds social and economic ties across nations. Being ethically aware and acting based on knowledge and empathy are core elements of Trinity's Graduate Attributes. Students will also benefit intellectually from studying with peers from different and diverse backgrounds.

A Global Perspective

We encourage students to make the most of study abroad opportunities, including internship opportunities and independent research while abroad. The global perspective gained through international experience will help you to appreciate knowledge beyond your chosen field. Understanding the interconnectedness among disciplines, including climate, biodiversity, politics, and culture, is key to your future development.

Communication Skills

Study abroad and exchange programmes create future leaders who instinctively value international collaboration. Studying abroad improves communication skills through navigating a different way of life abroad, learning an entirely new language, or building on existing vocabulary.

Enhanced Career Opportunities

Studying abroad demonstrates your confidence to take measured risks, adapt to change, and connect with a range of people. The skills you gain on exchange are transferable and increasingly sought-after by employers. Many students also return from overseas with a newfound global perspective that helps to clarify what they want for their future careers.

Personal Development

Enhanced self-confidence and self-awareness are often the most noticeable changes in returned exchange students. The necessity to confront challenges outside a familiar support network and comfort zone build maturity and social skills. Students also enhance their network of friends and contacts. You never know how the connections you build abroad can help you!

WATCH VIDEO



Kate Fullen

University of Sydney Business School, Australia

There isn't a doubt in my mind that every student can benefit in some or many ways from studying abroad. To be given the option to participate in a programme which is organised for you by Trinity is an exciting opportunity and one which won't come around again. It's worth emphasising that as a student, the ability to travel on a student visa is unique and should be taken advantage of, particularly in the Australian context.



Niall Maher

University of Nottingham, Ningbo, China

I think the most enjoyable part of my study abroad experience were the other students I met in Ningbo. I travelled to China without knowing anyone in the country, but I was lucky enough to leave with many friends. I was especially thankful that the flatmates I had were so welcoming and kind. These friendships do not end when you go home – the communication and meet-ups with friends continue long after the exchange officially ended.



Geovanna Brophy

Grenoble École de Management, France

Studying abroad was a challenging experience but it also meant I grew a lot as a person. Building the resilience to thrive in an environment so different to what I was used to has been rewarding, and being able to share the experience with the people I met along the way has made it a memorable period in my life.

Your Career Journey

During your time as a Trinity student, you can come and meet the Trinity Careers team to discuss how you can start preparing for your future career. www.tcd.ie/careers/students

At the Trinity Careers Service, your future success is our priority, and we provide a range of resources and services to support and guide you during your college career. Each student's career path is individual and unique, and our services are designed to ensure you have the tools, guidance, and networks needed to plan your first steps after university and thrive in your chosen field.

- Our Careers website is a central hub for job searching, featuring a wealth of resources such as application tips, CV and cover letter writing guidance.
- Trinity students can also benefit from individual career guidance appointments throughout their course, where you can receive feedback on job applications and refine job search strategies.
- Weekly clinics offer personalised feedback on CVs and LinkedIn profiles, ensuring your job search materials are polished and effective.

- ▶ For students preparing for interviews, practice interview sessions with careers consultants in Trinity, as well as virtual interview software, can enhance your confidence and chance of success in interviews.
- ▶ Annual careers fairs and employer events allow you to directly engage with recruiters and learn about the available opportunities in your chosen field.
- ▶ Develop your skills by applying for the Trinity Employability Award, the Laidlaw Undergraduate Leadership and Research Programme, and other employability bursaries.
- ▶ Our job vacancy portal keeps you updated on new relevant opportunities, and our career mentoring program facilitates connections with alumni who can offer guidance, refine your exploration of career options, and potentially open doors to employment.

▶ We can also offer guidance to non-EU students who want to work in Ireland after completing their undergraduate course. Successful applicants can receive a Graduate Scheme visa permitting full-time work for one year.

Whether you're exploring potential career paths, searching for internships, or preparing for your first job after graduation, we are here to help you.



Ikpeme Neto
Medicine

A Trinity education has set me apart and given me many opportunities as I've gone through my career. As a 4th year medical student, I was able to gain a much sought-after rotation in a leading academic centre in the US with the support of Trinity. I was also able to tap into the alumni network to gain access to further opportunities in medicine across many countries.



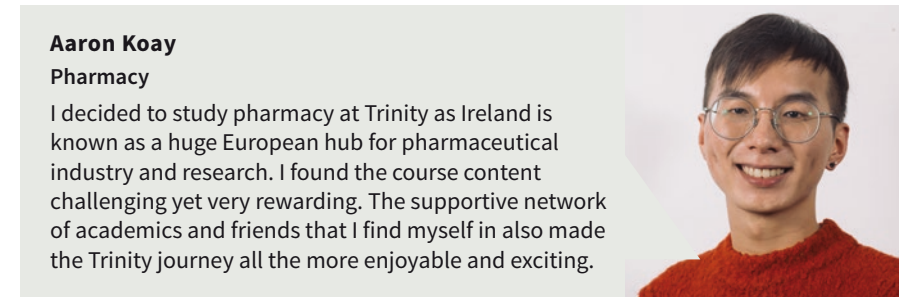
Audrey Chew
Psychology

Working as a Global Ambassador in Trinity's Global Room for three years, combined with being the PR Officer of Trinity College Dublin Singers for two years, led me to build a wealth of experience across different fields. This then equipped me to easily illustrate examples of my capabilities and skills when interviewing for my first full-time job post-graduation. Simultaneously, I gained access to applications to local and international volunteering and internship opportunities through the careers vacancies pages to pack up my summers. Finally, when I was approaching my final year, I was able to get guidance from being partnered with two Psychology and Sociology alumni who helped me to transition from being a student to becoming a professional.



Did you know?

After finishing an undergraduate degree, non-EU students can receive a Graduate Scheme visa, permitting you to work full-time for one year.



Aaron Koay
Pharmacy

I decided to study pharmacy at Trinity as Ireland is known as a huge European hub for pharmaceutical industry and research. I found the course content challenging yet very rewarding. The supportive network of academics and friends that I find myself in also made the Trinity journey all the more enjoyable and exciting.



Caoimhe Tyndall
Neuroscience

Through studying Neuroscience at Trinity, and though conducting my final-year research project in the state-of-the-art facilities in Trinity College Institute of Neuroscience, I gained the technical tools and transferable skills to transition well into my career as a research scientist. Through performing on stage with Trinity Musical Theatre Society (TMT), I gained a sense of confidence that helped me practice and perfect my communication and presentation skills. Through sitting on the TMT committee as Secretary, I honed my ability to work well with a team and liaise with external partners. As a member of the Trinity Sailing team, I became a trusted leader, and practiced quick-thinking and problem solving on a quick turnaround timeline. Gaining transferable skills from both academic and extracurricular sources in Trinity has helped me to develop my career path and become recognised as high-performing talent across many career sectors.

A Diverse and Inclusive Campus

Trinity is committed to promoting equality, diversity and inclusivity in all that we do. It is the cornerstone of our ethos across all aspects of student life, in the way we work, and in our engagement with the world.

How We Support Equality, Diversity and Inclusivity

Trinity actively supports equality, diversity and inclusivity through the equality unit, disability office, Mature Student Office, Trinity Access Programmes, supports for student parents, global relations/internationalisation activities and our commitment to widening participation in higher education. An annual equality fund offers an opportunity for students and staff to apply for small grants together and collaborate on innovative and creative equality projects that make a lasting difference for our community. The Students' Union (SU) also supports students through the work of the SU Gender Equality Officer, Disability Officer, Community Liaison Officer, Mature Students Officer, International Officer and LGBT+ Rights Officer.

We are also a University of Sanctuary and a member of the international Scholars at Risk network. We are committed to deepening our culture of welcome towards refugees, asylum seekers and other migrants. We are supported in this work by the Racial and Ethnic Equality Working Group, which includes student and staff members.

Trinity holds a Bronze Athena SWAN award in recognition of our commitment to gender equality, which includes a commitment to key principles that underpin equality.

The university received a Special Recognition Award for its strong commitment to transgender inclusion, and we are proud to have introduced the first Gender Identity and Gender Expression Policy in an Irish university.

Trinity recently launched the Asylum Seeker Access Provision (ASAP) Scholarships for those in Direct Provision who want to come to Trinity as students. You can learn more here: www.tcd.ie/study/apply/asylum-seeker-access-provision

Did you know?

Trinity is ranked 9th in the EU for gender equality

Times Higher Education University Impact Ranking 2023

Mayling Chong

Trinity Access student

The Foundation Course has an abundance of support with the most caring and enthusiastic staff. If it was not for the Foundation Course, I would not be where I am today and would not have the wonderful friends I made along the way. I am currently in my 3rd year of Human Health and Disease.



WATCH VIDEO

Trinity Access Programmes (TAP)

Trinity Access works in partnership across the education sector with students, teachers, families, communities and businesses to widen access and participation at third level of under-represented groups. Trinity Access engage with communities and schools in low progression areas to support real steps towards going to university. Trinity Access programmes range from primary school students right through to postgraduates. For more information please visit: www.tcd.ie/trinityaccess

TAP Foundation Course

This one-year course aims to equip students with the skills they need to benefit from and participate in a third-level education. It is open to Leaving Certificate pupils from schools in greater Dublin area which are affiliated to third-level access programmes and to mature students whose social, economic and cultural experiences have prevented them from going to college. You can find out more here:

www.tcd.ie/trinityaccess/alternative-entry-routes/young-adults/foundation-course

www.tcd.ie/trinityaccess/alternative-entry-routes/mature-students/foundation-course

Mature Students

If you are an EU applicant and are over 23 years of age on 1 January in the year of application you may apply to be considered for a mature student place. All full-time undergraduate degree programmes are open to mature applicants. Find out more at: www.tcd.ie/maturestudents/apply



Dominic Robinson

History and Geography graduate

Through engagement with the Mature Student Society and the Mature Student Office, I had the opportunity to travel to Guatemala to volunteer for two months for free. Yes, for free. So, it is just a case of getting stuck in and getting involved in everything that will be happening around you. Everyone will be in the same situation so jump in – headfirst.



Further Education and Training (FET)

Trinity is committed to fostering a diverse and inclusive community and has committed to increasing numbers of places available to applicants from FET Level 5 and 6 awards.

Trinity offers FET progression pathways to degree courses in STEM, Health Science and Arts, Humanities and Social Sciences.

There are places reserved for FET students in Law, Business, Languages, History, Sociology, Film, Drama, and other Humanities disciplines.

FET students with appropriate level 5 or 6 major awards can apply to do Midwifery, as well as Children's, and Mental Health Nursing.

STEM-focused students who meet specific module requirements can apply to degree courses in Science, Biological and Biomedical Sciences, Engineering and Computer Science.

To be considered for a place on a degree programme, students are required to have completed specific Level 5 or 6 courses, hold the correct number of distinctions (80% or better) and have met any additional requirements.

For more information on applying to Trinity with your Level 5 or 6 FET award and progression pathways please see the Trinity Access website: www.tcd.ie/trinityaccess/alternative-entry-routes/qqi-fet

Higher Education Access Route (HEAR)

The Higher Education Access Route is a college and university scheme that offers places on reduced points and extra college support to school leavers from socio-economically disadvantaged backgrounds who are resident in the Republic of Ireland. Find out more at: www.tcd.ie/trinityaccess/alternative-entry-routes/young-adults/hear



Damilola Olaniyi

Children's and General Nursing student

I've always known I wanted to go to Trinity College Dublin. It was my number one option on my CAO and with the help of the HEAR scheme, this was made possible. From advisors to resource centres and financial supports; the whole team is amazing when it comes to assisting students in their transition into university life and throughout the university journey. It doesn't matter what route you use into university, whether it be the conventional way or through alternative routes such as the HEAR scheme, Trinity is open to everyone.

Find Out More About Trinity

EU Students

Higher Education Fairs in Ireland

Trinity is represented at all of the major higher education fairs in Ireland which are organised by the Institute of Guidance Counsellors, and at many other regional careers fairs each year. For details of careers fairs in your area, contact the guidance counsellor in your school, your local adult education college or see: www.qualifax.ie

Trinity Presentations

Staff from Trinity are available to give a presentation to you about Trinity and our range of courses. If you would like to request a virtual presentation for your school please contact the school liaison team by email: ug.recruitment@tcd.ie. We will make every effort to accommodate your request.

Our school liaison team also run evening webinars, which students, parents and guidance counsellors are welcome to attend. To book upcoming webinars, or view previous webinars, please visit our Trinity CAO page: www.tcd.ie/cao

Campus Tours

Want to discover our beautiful historical campus for yourself? There are a number of ways you can experience what our campus has to offer.

Students can experience the hustle and bustle of Trinity during our Open Days. Details on these events can found at: www.tcd.ie/openday/undergraduate

Teachers can also request school group tours at: www.tcd.ie/study/visiting

We also offer an immersive online campus walk-through, giving you insight into what Trinity is like from wherever you are in the world. Take the virtual tour at: www.tcd.ie/cao

Book of Kells

Students are welcome to visit the Book of Kells Experience, located on campus. As one of Ireland's greatest cultural treasures, this precious 9th century manuscript is viewed by more than a million visitors every year.

Find out more at www.bookofkells.ie

Mature Students

Information Seminar

If you are interested in applying to Trinity as a mature student, you are invited to attend our application seminar in early January. Find out more at: www.tcd.ie/maturestudents

Discover Trinity Events

Discover Trinity is an exciting week of events that takes place in November each year to coincide with national College Awareness Week. Discover Trinity provides opportunities to attend lectures, to meet staff and students and to learn more about our courses. Find out more at: www.tcd.ie/maturestudents



Ellen O'Rourke
European Studies

There is so much more to Trinity than just what goes on inside the classroom. There's a wide variety of student societies and sports clubs so there really is something for everyone. I would encourage everyone to get involved and find their passion. It's here that you build friendships, develop skills and gain invaluable experience.



Non-EU Students

Trinity has a long tradition of welcoming international students. An education at Trinity's diverse and multicultural campus provides students with excellent opportunities to develop their careers. Upon successful completion of an undergraduate programme at Trinity, students have the possibility to stay in Ireland to work for one year on the Graduate Scheme visa. This allows students to gain unrivalled work experience opportunities in Ireland in a wide range of industries and organisations. Full time non-EU students are allowed to work 20 hours per week during term time and 40 hours per week outside term.

The Global Team

The Global team manages Trinity's international engagement and supports international students during the process of applying to Trinity. Our team is here to help, so please contact us at: tcdglobalroom@tcd.ie

Meeting Trinity Staff in Your Region

Trinity staff travel regularly to meet with students around the world. We also host events in countries including India, China and the United States where interested students can meet faculty and alumni. If we won't be in your region soon, get in touch with the Trinity Global team and we'll be happy to answer your questions or put you in touch with a student ambassador. Learn more at: www.tcd.ie/global/people

Campus Tours

We provide regular tours of Trinity for international students and their families that want to learn more about our university. We also offer a virtual walk-through of our city-centre campus.

For more information on campus tours, please go to: www.tcd.ie/study/international/visit

Talk to our Students Chat Platform

Do you have a question about student life, the campus or living in Dublin? Or perhaps you want to find out about student opportunities and support?

Who better to answer your questions than our current students? Trinity runs a 'Talk to our Students' service where you can ask a current Trinity student a question and receive a personalised response. We have student ambassadors who are trained to answer your questions about life in Trinity. Visit: www.tcd.ie/global/talktostudents

Admission Requirements

Trinity accepts various international and national high school qualifications for direct entry to our undergraduate programmes. Our Trinity Global team will provide you with personal guidance to find out whether your qualification leads you directly into a Trinity course. For further information on the international admissions requirements see page 226.

If your school examination is not accepted for direct entry into Trinity programmes you can apply for our pre-university programme, the Trinity International Foundation Programme. Find out more at: www.tcd.ie/study/international/foundation-programme

Kyle Ginsberg, Boston, USA

English Studies and Sociology

From the challenging academic atmosphere to the welcoming student environment, Trinity provides exactly the type of college experience I have always wanted.

The amazing friends I have met at Trinity are easily the best part of my college experience thus far. Without Trinity, I never would have met such wonderful peers and created a healthy, caring environment for myself and my friends.



Flexible Pathways of Study

Many undergraduate programmes at Trinity provide flexible pathways of study to their students. For you as a student this means that you will have opportunities to focus or expand what you study from the second year of your programme. The options you will be presented with will depend upon the type of programme you are on.

Single Honours Courses

If you are a student on a Single Honours subject course, you can choose to maintain a focus on one subject throughout your time at Trinity and achieve a Single Honours award. Alternatively, you may choose to also take up a compatible New Minor Subject from your second year, which you can continue to study in addition to your main subject to achieve a Major with Minor award. For further information on New Minor Subjects, please see the table below.

Joint Honours Courses

Joint Honours courses provide you with an opportunity to study two subjects to obtain an award in both subjects at graduation. You may also choose to concentrate more of your efforts on one of the subjects, while continuing to study the second subject to achieve a Major with Minor award or you can specialise in just one of your subjects to obtain a Single Honours award.

New Minor Subjects

Students on Single Honours programmes have the opportunity to study a New Minor Subject from the second year of their studies at Trinity. There are a total of 22 new minor subjects, a selection of which will be compatible with each Single Honours programme.

If you choose this option, you will undertake one-third of your studies in your 2nd year in this new subject and at the end of that year, you will have the opportunity to decide whether you wish to continue your studies in this subject to award.

If you choose to continue with your study in the subject to award, then one-third of your studies in both your 3rd and 4th year will be dedicated to your minor subject and you will achieve a Major award in your Single Honours subject and a Minor award in your new minor subject. If you choose not to continue with it to award, you will still have the opportunity to take some modules in the subject during your third year should you wish to do so.

The structure of studying a new minor subject is that when you start studying it you will be in your second year of your programme at Trinity, but the modules for your new minor subject will be at the first-year level. In your third year, the modules will come from second year modules in the subject and in your final year they will come from appropriate Sophister level modules.

It is important to note that some new minor subjects may have eligibility requirements and/or limited capacity.

Multidisciplinary Courses

Multiple subjects are studied throughout your course and you will exit with a Multidisciplinary award. These courses are organised around a particular theme, including: European Studies; Middle Eastern and European Languages and Cultures; or Ancient and Medieval History and Cultures.

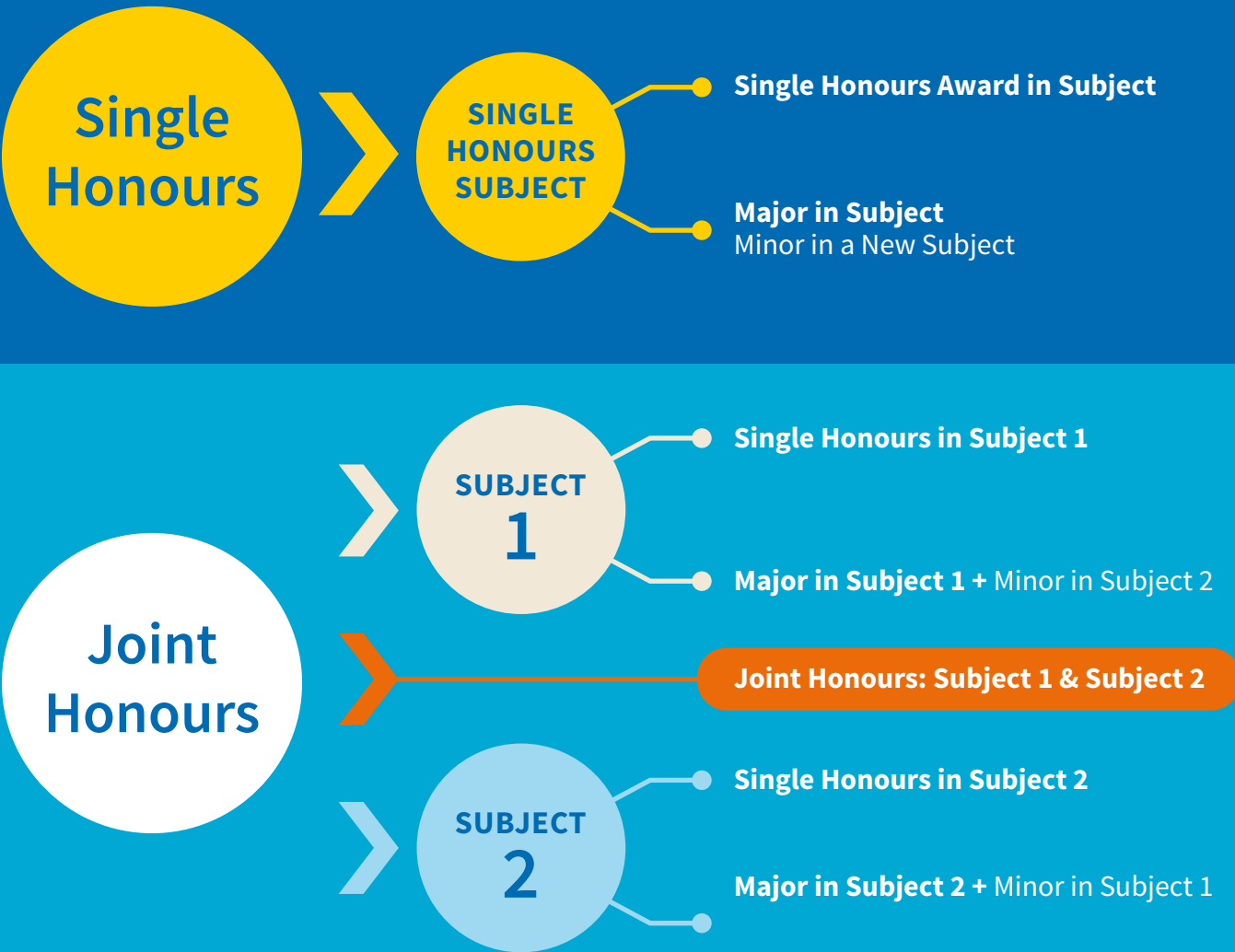
Common Entry Courses

In Common Entry courses, you will study multiple subjects in first year and will then be able to choose either 1, 2 or 3 of these subjects to study in second year. After second year you will decide if you would like to specialise in one of these subjects to achieve a Single Honours award or study two of these subjects to graduate either with a Joint Honours or a Major with Minor award. Common Entry courses include Business, Economics and Social Studies (BESS); Philosophy, Political Science, Economics and Sociology (PPES); or Classics, Ancient History and Archaeology.

Flexible Pathways of Study

We recognise that students' interests evolve over time. The pathways below give you the flexibility to focus or expand your domains of interest over your years at Trinity.

WATCH VIDEO



NEW MINOR SUBJECTS

Single Honours Programmes and New Minor Subjects 2022-23	Ancient History & Archaeology	Classical Civilisation	Classical Languages	Drama	Economics	English	Film	French	Geography	German	History	History of Art & Architecture	Irish	Italian	Linguistics	Middle Eastern, Jewish & Islamic Civilisations	Music	Philosophy	Religion	Russian	Social Policy	Spanish	Statistics
SINGLE HONOURS PROGRAMMES																							
Early & Modern Irish	Yes		Yes*		Yes	Yes	Yes		Yes*	Yes		Yes		Yes	Yes	Yes	Yes	Yes*	Yes*	Yes	Yes*	Yes*	
Drama & Theatre Studies	Yes	Yes*	Yes		Yes	Yes		Yes*	Yes		Yes*		Yes	Yes	Yes		Yes	Yes	Yes		Yes	Yes	
English Studies	Yes*	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes		Yes*	Yes*	Yes	Yes*		Yes				
Film		Yes	Yes	Yes				Yes	Yes	Yes*	Yes	Yes*	Yes			Yes*		Yes	Yes	Yes*	Yes	Yes	
History	Yes	Yes*	Yes	Yes*	Yes	Yes		Yes*	Yes				Yes	Yes	Yes		Yes	Yes	Yes		Yes	Yes	
History of Art & Architecture		Yes	Yes	Yes			Yes*	Yes	Yes	Yes*	Yes		Yes			Yes*		Yes	Yes	Yes*	Yes	Yes	
Mathematics	Yes	Yes*	Yes	Yes*	Yes	Yes		Yes*	Yes		Yes*		Yes	Yes	Yes		Yes	Yes	Yes		Yes	Yes	Yes*
Music	Yes*	Yes		Yes	Yes*	Yes*	Yes	Yes		Yes	Yes	Yes		Yes*	Yes*	Yes				Yes*			
Religion	Yes		Yes*		Yes	Yes	Yes		Yes*	Yes		Yes	Yes*	Yes	Yes	Yes	Yes	Yes*		Yes	Yes*	Yes*	
Philosophy	Yes		Yes*		Yes	Yes	Yes		Yes*	Yes		Yes	Yes*	Yes	Yes	Yes	Yes		Yes*	Yes	Yes*	Yes*	

* = Pairings that do not exist within Trinity Joint Honours.

Trinity Electives and Open Modules

Across all course structures, you will have the opportunity to take modules from outside your core course through Open Modules and Trinity Electives. Please check individual course entries to confirm the awards available as some options are not available in particular combinations.

Trinity Electives

Trinity Electives are standalone modules that will give you the opportunity to broaden your knowledge beyond your own discipline. As a student, you can choose from a range of exciting modules that allow you to engage with Trinity's ground-breaking research, to experience diverse languages and cultures, and to consider how we can address key

societal challenges. Each Trinity Elective has been designed specifically to help you develop your Trinity Graduate Attributes. Find out more at: www.tcd.ie/trinity-electives

Open Modules

Open Modules are modules that are taught as part of other programmes but are complementary and related to your own programme of study. Choosing Open Modules will allow you to broaden your perspective on your core discipline(s) through exposure to knowledge, skills and ways of thinking associated with related fields. Open Modules will provide you with a wealth of opportunities to enrich the study of your core curriculum. For more information, visit: www.tcd.ie/tjh/open-modules

Capstone Project

Trinity is a research-led university where every student has the opportunity to do a Capstone research project as part of their undergraduate education. The Capstone project is a substantial independent research project that you will normally carry out in your final year. It will enable you to put into practice the skills and knowledge that you have acquired over your programme of study and to further develop your Trinity Graduate Attributes.

Trinity College Dublin

Joint Honours/Modern Language Permitted Combinations

	Ancient History & Archaeology (AH)	History of Art & Architecture (AR)	Business Studies^ (BU)	Classical Civilisation (CC)	Classical Languages (CL)	Computer Science (CS)	Drama Studies** (DR)	Economics (EC)	English Studies (EN)	Film (FS)	French* (FR)	Geography (GG)		German* (GE)	History (HS)	Irish* (IR)	Italian* (IT)	Linguistics (LS)	Law (LW)	Middle Eastern, Jewish & Islamic Civilisations (ME)	Modern Language^ (ML)	Mathematics (MT)	Music (MU)	Philosophy (PH)	Political Science (PO)	Religion (RL)	Sociology (SC)	Social Policy (SO)	Russian* (RU)	Spanish* (SP)
Ancient History & Archaeology (AH)	-	TR113	-	-	-	-	-	-	-	-	TR114	TR111	AH	TR114	TR112	TR114	-	-	-	TR547	TR114	-	-	-	-	TR117	-	-	TR114	TR114
History of Art & Architecture (AR)	TR113	-	-	TR173	TR231	-	TR485	-	TR263	-	TR455	-	AR	-	TR443	TR455	TR455	-	-	-	TR455	-	-	TR479	-	TR665	TR482	-	-	TR455
Business Studies^ (BU)	-	-	-	-	-	TR188	-	-	-	-	TR085	-	BU	TR086	-	-	-	-	TR580	-	-	-	-	-	-	-	-	-	TR087	TR090
Classical Civilisation (CC)	-	TR173	-	-	-	-	-	-	TR166	-	-	-	CC	TR177	-	TR177	TR177	-	-	TR548	TR177	-	-	TR179	-	TR663	-	-	TR177	TR177
Classical Languages (CL)	-	TR231	-	-	-	-	-	-	TR228	-	TR239	-	CL	TR239	-	-	TR239	TR230	-	TR233	TR239	-	-	-	-	-	-	-	TR239	-
Computer Science (CS)	-	-	TR188	-	-	-	-	TR197	-	-	-	TR240	CS	-	-	-	-	TR241	-	-	-	-	-	-	-	-	-	-	-	-
Drama Studies** (DR)	-	TR485	-	-	-	-	-	-	TR276	TR311	-	-	DR	TR323	-	TR323	TR323	-	-	TR566	TR323	-	TR635	-	-	-	-	-	TR323	TR323
Economics (EC)	-	-	-	-	-	TR197	-	-	-	-	TR208	TR198	EC	TR208	TR202	TR208	-	-	-	-	TR208	TR207	-	TR209	-	-	TR212	TR214	TR208	TR208
English Studies (EN)	-	TR263	-	TR166	TR228	-	TR276	-	-	TR312	TR277	-	EN	TR277	TR262	TR277	-	-	-	TR546	TR277	-	-	TR269	-	TR664	TR272	-	TR277	TR277
Film (FS)	-	-	-	-	-	-	TR311	-	TR312	-	TR324	-	FS	-	TR325	TR324	TR324	-	-	-	TR324	-	TR320	-	-	-	-	-	-	TR324
French* (FR)	TR114	TR455	TR085	-	TR239	-	-	TR208	TR277	TR324	-	TR326	FR	TR667	-	TR669	TR667	TR588	TR018	TR563	-	-	TR636	TR639	-	TR666	-	TR757	TR671	TR672
Geography (GG)	TR111	-	-	-	-	TR240	-	TR198	-	-	TR326	-	GG	TR326	TR322	-	TR326	-	-	-	TR326	-	-	-	TR328	-	TR332	-	TR326	-
German* (GE)	TR114	-	TR086	TR177	TR239	-	TR323	TR208	TR277	-	TR667	TR326	GE	-	TR447	TR669	TR668	TR588	TR019	-	-	TR597	TR636	TR639	-	TR666	TR756	TR757	-	TR668
History (HS)	TR112	TR443	-	-	-	-	-	TR202	TR262	TR325	-	TR322	HS	TR447	-	TR447	TR447	-	TR581	TR554	TR447	-	-	TR449	TR457	TR454	-	-	TR447	TR447
Irish* (IR)	TR114	TR455	-	TR177	-	-	TR323	TR208	TR277	TR324	TR669	-	IR	TR669	TR447	-	TR670	TR588	-	TR563	-	TR597	TR636	-	-	-	TR756	-	TR671	-
Italian* (IT)	-	TR455	-	TR177	TR239	-	TR323	-	-	TR324	TR667	TR326	IT	TR668	TR447	TR670	-	-	-	TR563	-	TR597	-	TR639	-	TR666	TR756	TR757	TR670	TR670
Linguistics (LS)	-	-	-	-	TR230	TR241	-	-	-	-	TR588	-	LS	TR588	-	TR588	-	-	-	TR587	TR588	-	-	TR589	-	-	-	-	TR588	TR588
Law (LW)	-	-	TR580	-	-	-	-	-	-	-	TR018	-	LW	TR019	TR581	-	-	-	-	-	-	-	-	-	TR582	-	-	-	-	-
Middle Eastern, Jewish & Islamic Civilisations (ME)	TR547	-	-	TR548	TR233	-	TR566	-	TR546	-	TR563	-	ME	-	TR554	TR563	TR563	TR587	-	-	TR563	-	TR564	-	-	TR565	TR592	-	-	TR563
Modern Language^ (ML)	TR114	TR455	-	TR177	TR239	-	TR323	TR208	TR277	TR324	-	TR326	ML	-	TR447	-	-	TR588	-	TR563	^^	TR597	TR636	TR639	-	TR666	TR756	TR757	-	-
Mathematics (MT)	-	-	-	-	-	-	-	TR207	-	-	-	-	MT	TR597	-	TR597	TR597	-	-	-	TR597	-	TR598	TR599	-	-	-	-	TR597	TR597
Music (MU)	-	-	-	-	-	-	TR635	-	-	TR320	TR636	-	MU	TR636	-	TR636	-	-	-	TR564	TR636	TR598	-	TR629	-	TR638	-	-	TR636	TR636
Philosophy (PH)	-	TR479	-	TR179	-	-	-	TR209	TR269	-	TR639	-	PH	TR639	TR449	-	TR639	TR589	-	-	TR639	TR599	TR629	-	-	-	TR662	-	TR639	-
Political Science (PO)	-	-	-	-	-	-	-	-	-	-	-	TR328	PO	-	TR457	-	-	-	TR582	-	-	-	-	-	-	-	-	TR758	-	-
Religion (RL)	TR117	TR665	-	TR663	-	-	-	-	TR664	-	TR666	-	RL	TR666	TR454	-	TR666	-	-	TR565	TR666	-	TR638	-	-	-	-	-	TR666	-
Sociology (SC)	-	TR482	-	-	-	-	-	TR212	TR272	-	-	TR332	SC	TR756	-	TR756	TR756	-	-	TR592	TR756	-	-	TR662	-	-	-	TR759	TR756	TR756
Social Policy (SO)	-	-	-	-	-	-	-	TR214	-	-	TR757	-	SO	TR757	-	-	TR757	-	-	-	TR757	-	-	-	TR758	-	TR759	-	TR757	-
Russian* (RU)	TR114	-	TR087	TR177	TR239	-	TR323	TR208	TR277	-	TR671	TR326	RU	-	TR447	TR671	TR670	TR588	-	-	-	TR597	TR636	TR639	-	TR666	TR756	TR757	-	TR672
Spanish* (SP)	TR114	TR455	TR090	TR177	-	-	TR323	TR208	TR277	TR324	TR672	-	SP	TR668	TR447	-	TR670	TR588	-	TR563	-	TR597	TR636	-	-	-	TR756	-	TR672	-

* Note: French, German, Irish, Italian, Russian and Spanish are listed under Modern Language on the CAO application process. Possible language choice, where applicable, will appear in a drop-down menu on CAO form. French and Irish are not available at beginner's level. See separate table for details of Language and Modern language combinations on page 82

^ Note: TR089 Business and Polish is also available.

** Drama Studies – Restricted – apply by 1 February.

Consult the CAO for information on QQI/FET routes available.

Arts and Humanities

- 34 Classics, Ancient History and Archaeology
- 36 Classics: Ancient History and Archaeology (Joint Honours)
- 38 Classics: Classical Civilisation (Joint Honours)
- 40 Classics: Classical Languages (Joint Honours)
- 42 Clinical Speech and Language Studies
- 134 Computer Science, Linguistics and a Language
- 44 Deaf Studies
- 46 Drama and Theatre Studies
- 46 Drama Studies (Joint Honours)
- 48 Drama: Bachelor in Acting (non-CAO)
- 50 Drama: Foundation Diploma in Acting and Theatre (non-CAO)
- 52 Drama: Bachelor in Stage Management and Technical Theatre (non-CAO)
- 54 English Studies
- 54 English Studies (Joint Honours)
- 56 European Studies
- 58 Film
- 58 Film (Joint Honours)
- 60 French (Joint Honours)
- 62 Geography (Joint Honours)
- 64 German (Joint Honours)
- 66 History
- 66 History (Joint Honours)
- 68 History: Ancient and Medieval History and Culture
- 70 History of Art and Architecture
- 70 History of Art and Architecture (Joint Honours)
- 72 Early and Modern Irish
- 72 Irish (Joint Honours)
- 74 Italian (Joint Honours)
- 76 Linguistics (Joint Honours)
- 78 Middle Eastern and European Languages and Cultures
- 80 Middle Eastern, Jewish and Islamic Civilisations (Joint Honours)
- 82 Modern Languages
- 84 Modern Language plus another subject
- 86 Music
- 86 Music (Joint Honours)
- 88 Music Education
- 90 Religion
- 90 Religion (Joint Honours)
- 92 Russian (Joint Honours)
- 94 Spanish (Joint Honours)
- 96 Trinity College Dublin and Columbia University Dual B.A. Programme

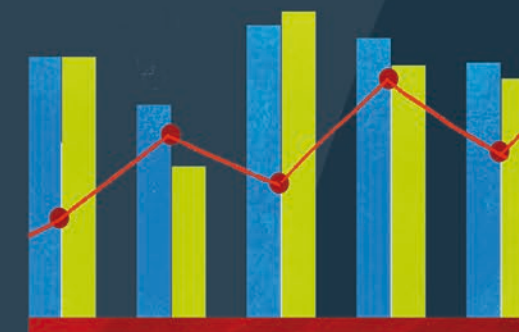
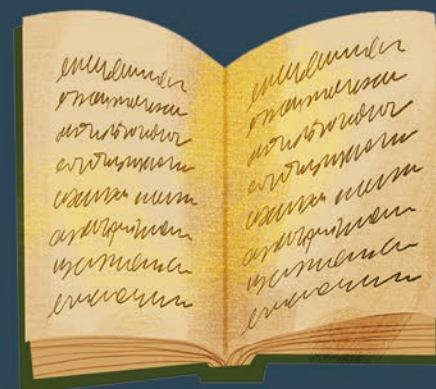
Business and Law

- 98 Business Studies (Joint Honours)
- 100 Global Business
- 102 Business, Economic and Social Studies (BESS)
- 106 Business Studies and a Language (French, German, Russian, Polish or Spanish)
- 108 Economics (Joint Honours)
- 110 Law
- 110 Law (Joint Honours)
- 112 Law and French/German

Social and Human Sciences

- 102 Business, Economic and Social Studies (BESS)
- 108 Economics (Joint Honours)
- 114 Philosophy
- 114 Philosophy (Joint Honours)
- 116 Philosophy, Political Science, Economics and Sociology (PPES)
- 118 Political Science (Joint Honours)
- 120 Psychology
- 122 Social Policy (Joint Honours)
- 124 Social Studies (Social Work)
- 126 Sociology (Joint Honours)

ARTS, HUMANITIES AND SOCIAL SCIENCES



Classics, Ancient History and Archaeology

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR021	451	23	4 years



What is Classics, Ancient History and Archaeology?

Classics, Ancient History and Archaeology (CLAHA) is an integrated degree programme that allows you to study the history, literature, art, archaeology, culture and thought of the ancient world in conjunction with one or both of the ancient languages. Flexible pathways enable you to pursue your own interests and graduate with a Single Honours degree in Classics (Latin and Greek), Ancient History and Archaeology, or Classical Civilisation, or to choose from a wide range of Joint Honours and Major/Minor combinations. Both languages can be begun from scratch, and previous study is not necessary.

DO YOU ENJOY...

Studying the literary and archaeological heritage of the ancient world?

Exploring the ideas and the political, social and cultural history of ancient civilisations?

Learning languages?

Other courses you might enjoy

TR028: Ancient and Medieval History and Culture, page 68

TR043: History of Art and Architecture, page 70

CLAHA: The course for you?

This may be the course for you if you enjoy learning languages and studying the history, literature and culture of ancient civilisations, and their profound influence on the modern world. Whether you are more attracted by the mythology, literature and thought of the ancient world, or by the study of its material remains and the historical record of its achievements, CLAHA will allow you to develop and pursue your own interests and shape the degree programme in the way that suits you best.

CLAHA at Trinity

The Department of Classics has a world-renowned reputation and courses are taught by academics at the top of their fields. Classics has been taught in Trinity since its foundation more than 400 years ago, and Trinity is unique in having professorships in both Greek and Latin. Teaching formats include a mixture of lectures, practical classes and small-group seminars, which encourage lively discussion and the development of independent thinking. There are opportunities to participate in archaeological fieldwork and in organised study tours to Greece and Italy, for both credit and non-credit. It is also possible to study abroad for a semester or a whole year.

Graduate skills and career opportunities

Trinity has a long tradition of Classics graduates who have continued on to postgraduate study and successful academic careers both in Europe and America. Our students find that their degree has been a real education and a source of continuing satisfaction to them, whatever employment they take up after leaving us. Recent graduates of the Classics Department have pursued careers in business, journalism, public relations, heritage and museum work, publishing, teaching and theatre, and are working for companies ranging from McKinsey and Co. and the Sunday Independent to the Gare St. Lazare Players.

Your degree and what you'll study

At the beginning of the degree programme, you will be asked to choose between a dual language pathway (typically leading to a degree in Classics) and a single language pathway (typically leading to a degree in Ancient History and Archaeology or Classical Civilisation, with the option of continuing with the language to degree level). It is possible to switch between pathways in second year.

First year

All students will study the three major subjects below and take a common core, consisting of introductory modules in Greek and Roman History and Art and Architecture. Students following the single language pathway take further modules in: Reading and Writing about Ancient Literature, Sources and Methods for Ancient History and Archaeology, and language-based modules at either Beginners' or Intermediate level, depending on whether you have studied the language before.

Students following the dual language pathway take modules in both Greek and Latin at Beginners' or Intermediate level, as appropriate; if beginning both languages from scratch, you study Latin in first year and begin Greek in second year.

Second year

In your second year, you will be asked to confirm your choice of pathway and to focus on the aspects of the programme that most interest you. Students following the single language pathway focus on modules in Ancient History and Archaeology or Classical Civilisation according to their preferred degree outcome (Single or Joint Honours or Major/Minor). You may or may not choose to continue with the language taken in first year; you will also have the option of taking Trinity Elective modules or Open Modules.

Special entry requirements

Leaving Certificate	H4	In Greek, Latin or in another language other than English
Advanced GCE (A Level)	Grade C	In Greek, Latin or in another language other than English
International Baccalaureate	HL Grade 5	In Greek, Latin, or a language other than English



WHAT OUR GRADUATES SAY

Andrew Beazley

I have only good things to say about the four years I spent studying in the Classics Department at Trinity. The faculty are exceptionally knowledgeable and take great care of their students. I studied for the full language degree in Classics (both Latin and Greek) purely for the enjoyment of it – but it has also turned out to be very useful; the analytical skillset and nuanced perspective that comes from the close study of two ancient and complex languages has been invaluable in my current role in local government.

Students following the dual language pathway will continue to study both languages at Beginners or Intermediate level, and will take Trinity Elective modules or Open Modules.

Third and fourth years

In third and fourth year, you will continue to specialise in either Ancient History and Archaeology, Classical Civilisation or Classics, according to your preferred degree outcome. All modules are taught through lectures and small-group seminars and will encourage you to discuss key themes of relevance to both the ancient and modern world.

Ancient History and Archaeology modules offer the opportunity to focus on specific themes and periods in the history and archaeology of the Mediterranean, develop a deeper awareness of methods and theory, engage with ethical issues concerning cultural heritage, and do 'hands on' work with artefacts. Classical Civilisation modules focus on specific genres (e.g. epic, drama, philosophy, history-writing) or themes (e.g. gender and sexuality, humans and other animals): you will also refine your analysis of texts in their context through specialised methodologies. In fourth year you will choose from a range of options, such as Entertainment and Spectacle; Goddesses of the Ancient Mediterranean; Anthropology and the Greeks; Kings and Cities; Constantine; Ancient Novel.

Third and fourth year modules in Classics progress to an in-depth study of Greek and Roman literature, history and culture. You will refine your analysis of texts in their context through specialised methodologies. Greek topics may include lyric and Hellenistic poetry, philosophy, and the novel. Latin topics may include Augustan poetry, Senecan tragedy, Informal Latin, and satire.

Fourth year for all students includes a Capstone project, in the form of a dissertation on a subject of your choice. This is an opportunity to develop independent ideas and acquire critical skills while investigating in greater depth an area that particularly interests you.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Classics, Ancient History and Archaeology is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96.

Study abroad

The department has valuable Erasmus links with the Universities of Cyprus, Udine (Italy), Geneva, Bordeaux, and Koç (Turkey). Students are also able to avail of worldwide

exchanges, for example, to North America and Australia. These opportunities allow students the option of spending a year or part of a year abroad. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

GET IN TOUCH!

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www.tcd.ie/classics

ryanw1@tcd.ie

classics@tcd.ie

www.facebook.com/trinitycollegedublinclassics

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WHAT OUR CURRENT STUDENTS SAY

Clarissa Spain

I would wholeheartedly recommend studying at Trinity and studying Classics. The language classes are well integrated with classes on literature, art, and history – connecting themes and ideas across disciplines – and everyone at Trinity has been lovely and supportive. Latin and Ancient Greek feel like keys that have been handed to me that unlock a deeper understanding of history, art, philosophy, literature, and language. Our own, modern world is full of echoes of the past, and I am finally able to hear them.

Ancient History and Archaeology

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	341-507	25	4 years



Ancient History and Archaeology is studied as a Joint Honours subject with one of the following options:

- TR111 Geography
- TR112 History
- TR113 History of Art and Architecture
- TR114 Modern Language* (French, German, Irish, Russian, Spanish)
- TR117 Religion
- TR547 Middle Eastern, Jewish and Islamic Civilisations

* See page 84 for language options and requirements

What is Ancient History and Archaeology?

Ancient History and Archaeology are both concerned with understanding social, political and cultural experience in the past. This course offers you the opportunity to range across these two broad disciplines. You will study the Greek and Roman worlds by working with historical and literary documents alongside the material remains of ancient sites and artefacts. All material is studied in translation and no knowledge of Greek or Latin is required, but there are opportunities to take introductory modules in the languages.

Ancient History and Archaeology: The course for you?

You will enjoy this course if you are interested in studying the history and culture of the Greeks and Romans — their achievements and their profound influence on the modern world — through the complementary study of history and archaeology. You will have the opportunity to get practical experience and take part in study tours.

Ancient History and Archaeology at Trinity

The Department of Classics has a world-renowned reputation. Its courses are taught by academics at the top of their fields. Ancient History and Archaeology offers you the opportunity to learn about the ancient world in a fun and friendly environment and learn not only about the past but also about its significance to the present. There are opportunities to participate in archaeological fieldwork in Ireland, the UK and the Mediterranean and in study tours to classical sites, for both credit and non-credit. The course is taught through a mixture of lectures, practical classes and small-group seminars, which encourage lively discussion and the development of independent thinking. It is also possible to study abroad for a semester or a whole year.

WHAT OUR CURRENT STUDENTS SAY Stephen Smith

Trinity offered the best quality and most fitting course for my interests and potential future career choices. The department is a small family and the quality of the teaching is excellent. The student community is very close and I encourage getting involved with the two main societies of the Classics department, DU Archaeological Society and DU Classical Society. I really found my place in college through the societies and I encourage you all to come and find us (I'll be dressed as Julius Caesar) in front square during Freshers' Week.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. It is also possible to take this subject up as a New Minor Subject from second year, please see 29 for further information.

Graduate skills and career opportunities

Recent graduates have entered many fields including archaeology, archaeological consultancy in Ireland and the UK, heritage and museum work (for example in the National Museum of Ireland), art restoration, teaching and higher education policy, publishing, business, computing, accountancy, government and social work. Recent graduates are working for companies as diverse as McKinsey and Co. and Cambridge University Press. Each year some of our graduates also opt to pursue a research career in history or archaeology beginning with postgraduate study in Ireland or abroad.

Your degree and what you'll study

Over your four years you will develop a broad understanding of the ancient world through its history and archaeology, moving from introductory courses in the first year, to more focused thematic topics in the second and third years, and choosing from a range of specialised options in your final year. In these modules, you will explore not only the Greek and Roman worlds specifically but also their relationships with neighbouring cultures, such as Egypt and the Near East, and their place within the Mediterranean and beyond. A range of different assessment types (such as end-of-semester examinations, essays, seminar presentations and Ancient History and Archaeology team projects, artefact studies and short commentaries on texts) is used to assess your progress, and a thesis is written in the final year.

First year

In first year you will take three modules which give you a solid introduction to the Greek and Roman worlds and to the skills and approaches of the two disciplines. There are approximately six hours of classes per week in the first year.

- Greek and Roman History
- Greek and Roman Art
- Sources and Methods in History and Archaeology

Second and third years

Modules in the second and third years offer the opportunity to focus on specific themes and periods in the history and archaeology of the Mediterranean, develop a deeper awareness of methods and theory, engage with ethical issues concerning cultural heritage, discuss key themes of relevance to both the ancient and modern world, and to do 'hands on' work with artefacts. Over the two years you will study topics in: Greek and Roman Archaeology and History, Late antiquity, the archaeology of the Aegean Bronze Age, Minoan Crete, Southern Italy, and Roman Britain. There are also options to do practical archaeological work or an approved study tour to the Mediterranean in place of a taught module in these years.

Fourth year

If you decide to study Ancient History and Archaeology in the final year you will be able to choose from a range of special subject options on offer. Modules offered recently include Ancient Cyprus; Entertainment and Spectacle in the Greek and Roman Worlds; Goddesses of the Ancient Mediterranean; Anthropology and the Greeks; Kings and Cities; Constantine; How to be Happy; the Ancient Novel; Roman Satire; The Art of Persuasion; Early Christianity.

You will also write a thesis on a subject of your choice. This is an opportunity to carry out research which will allow you to develop independent ideas and acquire critical skills while investigating in greater depth an area that particularly interests you.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Trinity has strong links with many Classics departments abroad, including active participation in the Erasmus exchange programme. The Department has valuable Erasmus links with the Universities of Cyprus, Udine (Italy), Geneva, Bordeaux and Koç (Turkey). Students are also able to avail of worldwide exchanges, for example, to North America and Australia. These opportunities allow students the option of spending a year or part of a year abroad. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Other courses you might enjoy

- TR021: Classics, Ancient History and Archaeology, page 34
- Classical Civilisation, page 38
- Classical Languages, page 40

WHAT OUR GRADUATES SAY

Eleanor Neil

I chose my course because I knew already that I wanted to be involved in archaeology and Trinity allowed me to study archaeology as well as history. Furthermore, the staff that I would be engaging with are some of the leaders in their field. I would highly recommend Trinity because of the outstanding education I received.



GET IN TOUCH!

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DO YOU ENJOY...

Learning about Greek and Roman life?

Studying archaeological sites and objects?

Exploring political, social and cultural history?



Classical Civilisation

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	448-555	31	4 years



Classical Civilisation is studied as a Joint Honours subject with one of the following options:

TR166

English Studies

TR173

History of Art and Architecture

TR177

Modern Language*
(German, Italian, Irish, Russian, Spanish)

TR179

Philosophy

TR548

Middle Eastern, Jewish and Islamic Civilisations

TR663

Religion

* See page 84 for language options and requirements

What is Classical Civilisation?

The study of Classical Civilisation is concerned with the literature, thought and culture of Ancient Greece and Rome. Through the examination and contextualisation of literary works and the analysis of the main aspects of ancient history and art, you will develop a thorough knowledge of the classical world and a critical approach to Greek and Roman literature. All texts are studied in translation and no knowledge of Greek or Latin is required, but there are opportunities to study the languages at an introductory level.

Classical Civilisation: The course for you?

If you want to acquire an understanding of the past and its influence; if you would like to engage with the mythology, poetic imagination, depth of thought and historical value of two civilisations that shaped the Western world; and if you enjoy literature, this may be the course for you.

Classical Civilisation at Trinity

The Department of Classics has a world-renowned reputation and courses are taught by academics at the top of their fields. Classical Civilisation offers you the opportunity to learn about the ancient world in a fun and friendly environment and learn not only about the past but also about its significance to the present. There are opportunities to participate in study tours and summer schools to classical sites for both credit and non-credit. The course is taught through a mixture of lectures and small-group seminars, which encourage lively discussion and the development of independent thinking. It is also possible to study abroad for a semester or a whole year.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. It is also possible to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

Graduate skills and career opportunities

Business, librarianship, museum work, publishing, teaching and theatre are some of the many fields recent graduates have entered. Recent graduates are working for companies as diverse as Smurfit Communications, Blackwell Publishing and the Gare St. Lazare Players. Students who opted to undertake further study have selected courses ranging from law and marketing to teacher training and international peace studies.

WHAT OUR GRADUATES SAY

Catherine Costello

The course allowed me to gain an in-depth understanding of how Western culture and especially English literature was shaped by ancient Greek and Roman culture and society. The enthusiasm and expertise of the amazing team of professors and lecturers in the Department of Classics at Trinity was inspiring and infectious. I would heartily recommend studying at Trinity. I felt at home here for four years and hope to continue with postgraduate studies.

Your degree and what you'll study

Over the four years you will develop a broad understanding of the classical world, primarily through its literature. You will move from introductory modules in history and literature and art in the first year to the study of specific authors, genres and themes in the second and third years. In your final year you will choose from a range of specialised options. All modules are taught by lectures and small-group seminars. A range of different assessment types (such as, end-of-semester examinations, essays, seminar presentations and team projects, artefact studies and short commentaries on texts) is used to assess your progress, and a thesis is written in the final year.

First year

In first year you will be introduced to the critical study of ancient history, literature, myth and religion, with a view to acquiring a comprehensive and interdisciplinary perspective on classical culture. There are approximately six hours of classes per week in first year. There is the option of taking an introductory module in either Greek or Latin.

- Greek and Roman History
- Reading and Writing About Ancient Literature
- Greek and Roman Mythology and Religion

Second and third years

In each of these two years you will take four modules which focus on specific authors (Homer, Virgil, Herodotus), genres (epic, tragedy, comedy, philosophy) or themes (gender and sexuality, identity and self-image, humans and other animals). In these modules you will analyse ancient texts both as literature and as gateways into culture and thought, discuss key themes of relevance to both the ancient and modern world, and refine your analysis of texts in their literary and cultural context through more specialised skills and methodologies. All the modules are taught through lectures and small-group seminars. You will explore, for example, how the Greeks and Romans saw themselves and other cultures; how they tried to make sense of the world around them through philosophy and religion; how they thought about politics and ideology, ethnicity and identity, life and death. You will also have the opportunity to engage in an independent creative project

(e.g. performance, literary translation, reception of classical literature).

Fourth year

If you decide to study Classical Civilisation in the final year, you will be able to choose from a range of special subject options on offer. Modules offered recently include: Ancient Cyprus; Entertainment and Spectacle in the Greek and Roman Worlds; Goddesses of the Ancient Mediterranean; Anthropology and the Greeks; Kings and Cities; Constantine; How to be Happy; the Ancient Novel; Roman Satire; The Art of Persuasion; Early Christianity.

You will also write a thesis on a subject of your choice. This is an opportunity to do research which will allow you to develop independent ideas and acquire critical skills while investigating in greater depth an area that particularly interests you.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.



Study abroad

Trinity has strong links with many Classics departments abroad, including active participation in the Erasmus exchange programme. The Department has valuable Erasmus links with the Universities of Cyprus, Udine (Italy), Geneva, Bordeaux and Koç (Turkey). Students are also able to avail of worldwide exchanges, for example, to North America and Australia. These opportunities allow students the option of spending a year or part of a year abroad. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad



WHAT OUR CURRENT STUDENTS SAY

Ultan Pringle

I decided that Classical Civilisation was the course for me after meeting with one of the professors in the department at an open day and being fully captured by the enthusiasm and love and sheer knowledge for the course that they had. There's something uniquely thrilling about studying in Trinity. Two years in and I still feel a little sense of wonder when I walk in through front arch every morning and see that view. Trinity lies at the heart of Dublin city centre and studying here you really do feel like you are immersed in the hustle and bustle of the city.

Other courses you might enjoy

TR021: Classics, Ancient History and Archaeology, page 34

Ancient History and Archaeology, page 36

Classical Languages, page 40

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www.histories-humanities.tcd.ie

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Classical Languages

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	480-518	10	4 years



Classical Languages is studied as a Joint Honours subject with one of the following options:

- TR228 English Studies
- TR230 Linguistics
- TR231 History of Art and Architecture
- TR233 Middle Eastern, Jewish and Islamic Civilisations
- TR239 Modern Language* (French, Italian, German, Russian)

* See page 84 for language options and requirements

DO YOU ENJOY...

Learning languages?

Discussing Greek and Roman literary and historical works?

Exploring the interactions between classical literature and its historical and cultural context?

What is Classical Languages?

The study of Classical Languages is concerned with the language, literature and thought of either Ancient Greece or Ancient Rome. You will choose to study either Greek or Latin. Through the reading of literature in the original language and the examination of key aspects of ancient history, you will develop a thorough knowledge of the classical world and a critical approach to textual and material culture.

Classical Languages: The course for you?

If you are interested in studying the language, the poetic imagination, the depth of thought and the historical value of one of the civilisations that shaped the Western world, you will enjoy this course.

Classical Languages at Trinity

Greek and Latin have been taught in Trinity since its foundation more than 400 years ago, and Trinity is unique in having professorships in both Greek and Latin. To study Greek and Roman civilisation is to study the roots of western civilisation, the origins of our political and cultural institutions, and to understand how the classical past has profoundly affected ideas and values in the contemporary world. The Department of Classics has a world-renowned reputation, and courses are taught by academics at the top of their fields. The course is taught through a mixture of lectures, practical classes and small-group seminars, which encourage lively discussion and the development of independent thinking. It is also possible to study abroad for a semester or a whole year.

Pathways

The pathways available are Major with Minor and Joint Honours. It is also possible to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

Graduate skills and career opportunities

Study of the ancient world develops skills of interpretation and communication that go far beyond a knowledge of books, dates and events; these skills offer positive advantages in the hunt for a job. Recent graduates are working in many fields including the diplomatic service, the civil service, banking and accountancy, business, computers, journalism and broadcasting, law, librarianship, publishing, teaching and theatre. Some graduates opt to pursue an academic career with postgraduate study in Ireland and abroad.



WHAT OUR CURRENT STUDENTS SAY

Rory O'Sullivan

There'd be no Shakespeare without Plutarch, no democracy without Athens, no Christianity without Plato. You get the chance to understand Greek authors on their own terms, to walk a mile in their shoes. The class sizes are small, so you have genuine contact with the department's lecturers, who are the best and most challenging teachers I've had. Greek isn't for the faint-hearted, but I couldn't recommend it enough.

Special entry requirements

Leaving Certificate	H4	In Greek, Latin or in a language other than English
Advanced GCE (A Level)	Grade C	In Greek, Latin or in a language other than English
International Baccalaureate	HL Grade 5	in Greek, Latin, or in a language other than English

Your degree and what you'll study

Over the four years you will read texts in a wide variety of genres, including epic, tragedy, comedy, philosophy, oratory and historiography. Whether you are continuing your language studies or taking Greek/Latin as a beginner, you will engage with ancient texts both as literature and as a gateway into the culture and thought of ancient Greece/Rome. Through the critical study of ancient history, you will acquire a comprehensive and interdisciplinary perspective on classical culture. For all of your language-based courses the groups will be small, stimulating lively discussion, analytic skills, and the development of independent thinking.

First and second years

In first year you will be introduced to the critical study of ancient history, culture and literature. The language-based modules you take depend on whether you have studied Greek/Latin before or are taking it up as a beginner.

- Elementary Greek/Latin – an intensive introduction to the Ancient Greek or Latin language. By the end of the year you will be ready to read original texts and your command of the language will be at the same level as those who have studied it before entering university.
- For non-beginners, you will be introduced to the critical reading of Greek and Latin texts through a close examination and contextualisation of poetry and prose works representative of key aspects of the history of Greek and Latin language and literature. You will expand your vocabulary, gain a deeper understanding of grammar and style, and refine your translation skills as well as your ability to write about ancient literature.

In second year you continue the study of Greek/Latin language, literature and history.

You will continue to consolidate your translation and analysis skills and begin to study Greek/Latin authors in depth. Greek texts include Homer's *Iliad* and *Odyssey*, the *Histories* of Herodotus, the tragedies of Euripides and Sophocles and the philosophical prose of Plato. Latin texts include the comedies of Plautus and Terence, Cicero's famous speech *On Behalf of Caelius*, Virgil's *Aeneid*, the love poems of Catullus.

Modules are taught by lectures and small-group seminars. There are six to eight contact hours per week. A combination of end-of-semester examination and continuous assessment (such as, essays, unseen translations and other language tests, textual commentaries, seminar presentations), form the assessment.

Third and fourth years

In third and fourth years you will progress to an in-depth study of topics in Greek/Latin literature, history and culture. You will refine your analysis of texts in their literary and cultural context through more specialised skills and methodologies, such as textual criticism, linguistics and literary theories. You will also have the opportunity to develop an independent project on texts not covered in the taught modules.

Greek topics may include Greek lyric poetry, philosophy, history-writing, the novel, and Hellenistic poetry. Latin topics may include Augustan poetry, Senecan tragedy, Didactic poetry, Early Latin, Latin oratory, Informal Latin and Roman satire. In third year, you will

WHAT OUR GRADUATES SAY

Sana Sanai

A degree from Trinity certainly opens doors. But the lessons that I learnt (both within and beyond the walls of lecture theatres) from the members of this uniquely close-knit department far surpass the value of that final transcript. If I could return to do it all over again, I would in a heartbeat.

study cultural history, while close-reading modules will assist you in improving your fluency and accuracy in interpretation. In fourth year you may also study a special topic in Classical culture and will write a dissertation on a subject of your choice. The dissertation is an opportunity to do research which will allow you to develop independent ideas and acquire critical skills, while investigating in great depth an area that particularly interests you.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Trinity has strong links with many Classics departments abroad, including active participation in the Erasmus exchange programme. The Department has valuable Erasmus links with the Universities of Cyprus, Udine (Italy), Geneva, Bordeaux and Koç (Turkey). Students are also able to avail of worldwide exchanges, for example, to North America and Australia. These opportunities allow students the option of spending a year or part of a year abroad. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Other courses you might enjoy

TR021: Classics, Ancient History and Archaeology, page 34

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Clinical Speech and Language Studies

B.Sc. (Clin. Lang.) Honours Bachelor Degree
(NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR007	555	34	4 years



What is Clinical Speech and Language Studies?

The ability to speak and write, to listen and learn, to be understood — abilities that are fundamental to human communication and interaction — can be impaired by a wide range of conditions, from stroke to cerebral palsy, hearing impairment, learning disabilities, developmental delays, and autism. Speech and Language Therapists work with people of all ages and assess, diagnose and treat individuals with a variety of communication and swallowing disorders. Since communication and swallowing difficulties affect every aspect of a person's life, the work of the speech and language therapist is multi-faceted, and therapists work in a variety of settings, from schools to hospitals and other clinical settings.

DO YOU ENJOY...

Working with a diverse range of children and adults who may face challenges in communication?

Exploring how people communicate?

Being people-oriented, highly motivated and open to a collaborative problem-solving approach to learning?

Clinical Speech and Language Studies: The course for you?

This course will appeal to you if you have an interest in how speech, language, communication and swallowing work and how these areas may be affected in either children or adults. You will enjoy this course if you like a variety of teaching, learning and assessment approaches, such as lectures, problem-based and case-based learning and clinical practice.

Clinical Speech and Language Studies at Trinity

When you decide on a career as an allied healthcare professional, you need to ensure you have the best academic and clinical preparation to succeed. The Department of Clinical Speech and Language Studies is the longest established, accredited undergraduate programme in speech and language therapy in Ireland. The team involved in the delivery of this course enjoy national and international recognition in teaching and research, and are experts in their respective fields.

Graduate skills and career opportunities

You might be surprised to learn that the knowledge and skills developed while studying Clinical Speech and Language Studies equips graduates to work in a wide range of interesting and challenging contexts.

Whilst graduates emerge with an in-depth knowledge of their discipline, they also have important transferable skills that provide a strong foundation to engage with society and the workplace. Graduates develop the ability to think independently, act responsibly, communicate effectively and develop continuously. Graduates are ethically minded, resourceful and are ready to embrace challenges and innovations in their chosen specialty. They become key stakeholders in the development of the speech and language therapy profession in national and international healthcare contexts and in

WHAT OUR CURRENT STUDENTS SAY

Síofra Curran

I have really enjoyed my time on this course. The topics are interesting, the staff are supportive and I have made lifelong friends!

advocating for the rights of people who have communication and swallowing impairments. Graduates from this course are highly sought after and valued by employers in healthcare and educational contexts.

Your degree and what you'll study

The four-year honours degree course comprises an integrated programme of theory and practice. The key strands within the curriculum are: Speech and Language Pathology and Swallowing Disorders, Clinical Practice, Linguistics, Psychology, Research and Basic Sciences (including Anatomy and Physiology).

First and second years

Much of first year is focused on foundation studies for understanding typical communication and swallowing behaviours. The emphasis in second year is on understanding and assessing the strengths and needs of the client population served by the profession, together with studying speech sciences, psychology and linguistics.

Third and fourth years

Third year places emphasis on the application of this knowledge to intervention in clinical contexts. You will also study neurology, psychiatry, discourse analysis and further develop your research skills. In fourth year, students are provided with the opportunity to integrate knowledge skills and competencies, acquired through the four years. Students prepare to become practitioners and researchers and complete a significant piece of research known as the Capstone project.

Special entry requirements

Leaving Certificate	O6/H6	Mathematics
In addition:	H4	In one of English, French, German, Irish, Italian, Russian or Spanish
	H4	In one of mathematics, applied mathematics, physics, chemistry, biology, physics/chemistry or agricultural science
GCSE	Grade C/5	Mathematics
In addition:		
Either		
GCSE	Grade B/6	In one of physics, chemistry, biology, mathematics
Advanced GCE (A Level)	Grade C	In one of English, French, German, Irish, Italian, Russian or Spanish
Or		
GCSE	Grade B/6	In one of English, French, German, Irish, Italian, Russian or Spanish
Advanced GCE (A Level)	Grade C	In one of physics, chemistry, biology or mathematics

For International Baccalaureate requirement see Note 4 on page 229.

Note: Health screening and Garda vetting is required prior to registration for this programme. There may be additional costs for students related to travel and clinical materials during clinical placements.

Clinical activities and placements provide an important learning context from the start of the course. The department has access to a wide range of service settings and clinics, in which to place students, such as hospitals, schools, clinics, rehabilitation centres. During term time, an average of one day per week is reserved for clinical work. You will also be required to undertake clinical practice outside term time.

The course employs a wide range of teaching, learning and assessment strategies. Both continuous assessment and end of semester exams are undertaken.

Study abroad

Whilst the Department of Clinical Speech and Language Studies has a strong international network, the nature of the professional course — in terms of the clinical practice requirements — precludes study abroad at undergraduate level. However, students get an opportunity to engage in international summer schools during the summer vacation period.

On graduation, your qualification from Trinity is recognised as a licence to practise as a Speech and Language Therapist in Ireland. Those holding the degree are eligible to apply for statutory registration with CORU and membership of the Irish Association of Speech and Language Therapists (IASLT): www.iaslt.ie Graduates who wish to work in the UK should contact the UK Health Professionals Council: www.hcpc-uk.org

Graduates of the course who wish to work in another European country will have to apply for approval from the appropriate registration body in that country. If you are considering applying for professional recognition to work as a Speech-Language Pathologist in the US or Canada, you should contact the American Speech-Language-Hearing Association at: www.asha.org or the Canadian Association of Speech-Language Pathologists and Audiologists at: www.sac-oac.ca For more detailed information on your career prospects, visit the professional associations' websites at: www.iaslt.ie and www.rcslt.org

GET IN TOUCH!

www.tcd.ie/slscs/clinical-speech-language

csllsec@tcd.ie

WHAT OUR GRADUATES SAY

Emma Leitch

I would recommend Clinical Speech and Language Studies in Trinity for many reasons. The standard of teaching is exceptional and Trinity students seem to be sought after. I would highly recommend this course at Trinity if you are interested in any of the following: linguistics, psychology, anatomy, physiology, phonetics, audiology, clinical practice, teaching, healthcare and so on.



Deaf Studies

B.St.Su. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR016	329	20	4 years



What is Deaf Studies?

The Centre for Deaf Studies in Trinity affords students the opportunity to develop insights into, and genuine appreciation for, the culture, contributions, and contemporary issues related to Deaf people in Ireland and worldwide. The undergraduate programme is the only one of its kind in Ireland. Irish Sign Language (ISL) is the indigenous language of the Deaf Community in Ireland and is the working language at the Centre for Deaf Studies. There are many different sign languages in the world in the same way as there are different spoken languages.

ISL is the third language of Ireland, recognised in the Irish Sign Language Act (2017). It is also one of the many signed languages recognised by European Institutions and is recognised along with British Sign Language in Northern Ireland. During this four-year course students develop fluency in ISL. As a student you may choose to specialise as an ISL/English Interpreter or an ISL teacher, or to focus on Deaf Studies. Students entering the Deaf Studies programme will explore a range of educational, social, cultural, linguistic, and psychological issues and their application to Deaf people, as individuals, as a community, and as a linguistic and cultural minority.

DO YOU THINK YOU WILL ENJOY...

Learning ISL?

Developing language skills in a small group setting?

Working with a minority community?

The multi-disciplinary approach to your studies is led by a strong academic team, many of whom are Deaf. The degree programme will provide in-depth training preparing you for a number of exciting career options working with Deaf people as a disability officer, resource officer, research assistant or as an administrator in Deaf community organisations, to give a few examples. With this foundation, graduates frequently go on to complete postgraduate study.

Deaf Studies: The course for you?

Deaf Studies is the right course for you if you are interested in studying ISL, Deaf culture and aspects of the Deaf community; wish to acquire an understanding of the Deaf community as a part of human diversity; or want to spend your professional or social life after graduation in the Deaf community, or to make further contributions in a chosen academic discipline.

Deaf Studies at Trinity

The Centre for Deaf Studies in Trinity has an international reputation for its work: we bring approaches from across many disciplines (linguistics, equality studies, psychology, education, disability studies, gender studies, interpreting studies, social policy and digital humanities) to bear on our work with Deaf communities.



We engage closely with the Irish Deaf community and students will have the opportunity to learn from many of the world's leading scholars in this discipline who collaborate with the Centre for Deaf Studies (CDS) staff.

Graduate skills and career opportunities

Graduates frequently work in Deaf organisations, for example as a resource officer or combined with another skill set, such as teaching, Irish Sign Language (ISL)/English interpreting, child care, social work, public service bodies, the Civil Service or the media. There is also scope for further study or research in areas such as linguistics, communications, anthropology, multiculturalism, gender studies or law.

WHAT OUR GRADUATES SAY Heidi Veldheer

Going back to college as a mature student has been a wonderful experience. I chose Deaf Studies, because I wanted to change career and become an ISL/English Interpreter, which is one of three strands within this degree programme.

I never anticipated how much knowledge I would gain in terms of linguistics, language acquisition, Deaf culture and the Deaf community, and how much I would actually enjoy it – the four years just flew by.

Small class sizes meant I felt right at home and lifelong friendships were formed. Passing the optional foundation scholarship exams was just the icing on the cake!

Special entry requirements

This is a restricted entry course.

Leaving Certificate	H4	In English or pass in TCD ISL test
	O6/H6	In a language other than English
Advanced GCE (A Level)	Grade C	English Literature (A or B) or English Language (A or B)
GCSE	Grade C/5	In a language other than English
International Baccalaureate	HL Grade 5	English
	SL Grade 5	In a language other than English

Your degree and what you'll study

The programme in Deaf Studies draws on a core faculty with interests in ISL and Deaf Studies, as well as other faculty within the University and the School of Linguistics Speech and Communication Sciences, with expertise in bilingualism, biculturalism, reading, literacy, linguistics and applied linguistics, cognitive and language development, language teaching, special education, and counselling. This course gives an in-depth understanding of the Irish Deaf community and of the experience of Deaf people internationally, historically and in contemporary society. Core courses detailing the history, education, literature and language of the Deaf will be taught by both Deaf and hearing staff.



First year

Students will start with an introduction to ISL as a language, and also learn the concepts of second language learning and language acquisition as it relates to their learning. The idea of the Deaf community, as active participants in business and society, will also be introduced.

Second and third years

In years two and three, themes such as ethics, Deaf people in the media, the legal and political standing of signed languages and access to critical public health services are explored, along with understanding of the structure of ISL, the sociolinguistic context and the path to acquisition of a signed language for deaf children. For ISL/English interpreting students, translation theory and the practical skills of interpreting, guided by ethical practice, are emphasised in third and fourth year.

Fourth year

For students taking the ISL teaching route, guidance on planning and implementing a curriculum and assessing student performance are introduced. Students in the third and fourth year complete a Capstone research project, as well as studying more advanced theoretical subjects and entering two separate supervised placements in organisations that provide services to/for the Deaf community.

Across the four years of the degree you will develop a high level of competency in ISL skills. Language teaching is mapped to the Common European Framework of Reference for Languages (CEFR, Council of Europe), so you will be able to map your progress against your knowledge of other languages. Competence in ISL is fundamental to gaining an in-depth understanding of the Deaf community and is a requirement of the programme.

The course employs a wide range of teaching, learning and assessment strategies. Both continuous assessment and end of semester exams are undertaken across the four years. The range and diversity of assessment formats account for varying student learning styles.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad and internship opportunities

Students undertake practical placements in their fourth year and whilst students are usually placed in an Irish organisation, it is possible to arrange a placement abroad. Students can also consider completing an Erasmus exchange visit for this semester. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad




WHAT OUR CURRENT STUDENTS SAY Cathal Duffy

An interest in Irish Sign Language brought me to this course. Going into my fourth year, I'm learning sign language, and a whole lot more as well. I have found every module fascinating, and I am unexpectedly delighted to be engaging with such topics as linguistics, sociolinguistics, ethics, language acquisition, history of language, media and education to name but a few. How all these topics link with Deaf culture and the Deaf community in Ireland has made me aware of the challenges and struggles Deaf people can face when engaging with, and living amongst, a predominantly hearing community. I had never really thought about any of this before. Learning a visual language is an ongoing challenge to me, as my life has been dominated by the spoken word. But the joy of learning Irish Sign Language far outweighs the challenges. I'm excited about my last year of study and seeing what's beyond.

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Drama and Theatre Studies, and Drama Studies

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR025	445	17	4 years
Joint Honours (see below)	529-559	24	4 years



Special entry requirements

These are restricted entry courses. Therefore, applications must be submitted to the CAO by 1 February of the proposed year of entry. If you indicate Drama Studies or Drama and Theatre Studies as a choice of subject, you will be sent a questionnaire to complete in March. Applicants will be accepted based on the completed questionnaire, and those accepted will remain in the competition for places based on Leaving Certificate points.



TR025 Drama and Theatre Studies is studied as a Single Honours subject AND Drama Studies is studied as a Joint Honours subject with one of the following options:

- TR276 English Studies
- TR311 Film
- TR323 Modern Language* (German, Irish, Italian, Russian, Spanish)
- TR485 History of Art and Architecture
- TR566 Middle Eastern, Jewish and Islamic Studies
- TR635 Music

* See page 84 for language options and requirements

What is Drama?

Drama exists on and off the stage. Theatre happens in our everyday life. It is the basis for story-telling and other forms of performance within the creative arts. It has its origins in sacred ritual and remains central today as part of our sensemaking as we negotiate a place in the world. As with other creative arts, Drama and the insights from studying performance can be applied in the fields of medicine, politics, education and more.

Theatre Studies encompass all the arts that make up the live experience we call theatre – including costume, lighting, sound, devising, directing, design, dramaturgy and playwriting. We also study the meaning behind theatre, analysing culture and politics, space and place, the presence of audience and performers, and the use of digital technology.

Drama: The course for you?

All Drama pathways explore the relationship between the theory and practice of Drama and Theatre to discover how and why they work. The strong developmental emphasis of the courses requires a particular blend of practical and academic skills. In addition to a high level of analytical ability and creativity, you will need to possess resourcefulness and self-motivation.

Teaching is by lecture, seminar and workshop, with a strong emphasis on experiential learning and practice-based research through theatre laboratory and production opportunities. This leads to a relatively high number of contact hours with other students for group projects, as well as the regularly timetabled taught classes. You will need to be a team player to succeed on this course.

Single Honours students combine Drama Studies with Theatre Studies throughout their degree, whilst Joint Honours students combine it with another subject outside of the Department of Drama. Opportunities are available for Joint Honours students to engage more extensively in practice in their third and fourth years, if they select an exit pathway that includes Drama.

Drama at Trinity

Performing Arts at Trinity was ranked in the top 100 subjects worldwide in the QS Rankings 2022, reflecting the quality of our teaching and learning. Drama at Trinity is housed in the purpose-built Samuel Beckett Centre, home to the Samuel Beckett Theatre, the Players Theatre, a dance studio/rehearsal space, seminar rooms and offices. All our full-time staff have theatre-making experience and are published academic writers active both nationally and internationally. Some modules are taught by visiting specialists, including award-winning designers, directors, performers and playwrights – many of whom are alumni from the course.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There is also the opportunity to take up Drama Studies as a New Minor Subject from second year, please see page 29 for further information.



WHAT OUR GRADUATES SAY

Saoirse Anton

I have had the chance to nurture interests I already had, such as theatre criticism and writing about theatre, and I have discovered ones I would never have thought of before, such as programming, curating and arts policy.

Graduate skills and career opportunities

Many of our graduates seek employment in theatre or related professions and a large percentage of today's Irish theatre-makers are alumni. Some graduates opt to take further training or apprenticeships, whilst others go straight into working in specialist areas of theatre, film, or television (such as directing, acting, design, playwriting, management, community drama and teaching). Some have formed their own theatre companies; many have won awards. Others have chosen research careers beginning with further study at postgraduate level. Even for graduates who decide not to pursue theatre as a career, the core skills of research, writing, organisation, collaboration, and interpersonal communication that they gain on the course last a lifetime.

Your degree and what you'll study

First and second years

First and second years will provide you with a foundation in the skills and vocabularies of the theatre historian, analyst and practitioner. During these years, the course introduces drama, theatre and performance, and places them in a contemporary and relevant context. Teaching is by lecture, seminar and practical workshop, covering Theatre History (from the Greeks to the present), Performance Analysis, and Contemporary Performance Research (including studies in semiotics, feminism and gender, dramaturgy, postmodernism and more). Single Honours students also take courses in practical areas of theatre (Embodied Practices, Performance and Technology, and Crew Rotation). Training in study, research, and writing skills is provided to support you with the academic elements of the course.

Third and fourth years

Students choose from a range of optional modules, striking a balance between the academic and the practical nature of the course (based on your chosen exit pathway).

The range of modules allows you to favour study in historical and theoretical fields or in practical aspects of theatre. The range of options may include theatre and Ireland, embodied Shakespeare, stage, costume and lighting design, playwriting, devising, directing, theatre management, acting, performance and technology, women and theatre, and applied drama and theatre. Students exiting through Drama via Major, Joint Honours, or Single Honours pathways also complete a staff-supervised Capstone project. The Drama Capstone project allows students to integrate their interests into an individual research-led submission combining practice, presentation and reflection (such as a long dissertation or blended practice-as-research).

Assessment is by a combination of essays, reflections, practical assignments, class presentations, and oral examinations. Students exiting through Drama via Major, Joint Honours or Single Honours pathways are required to complete a Capstone project.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

You may apply to spend third year studying abroad at a European university as part of the Erasmus exchange programme or outside Europe at one of Trinity's non-EU partner universities. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad



WHAT OUR GRADUATES SAY

Fenna Von Hirschheydt

I am an international student who came to Ireland in order to study drama. I was first attracted to the course because it covers such a wide range of aspects of theatre. It is a great introduction and allows students to specialise in areas they have discovered for themselves. I, for one, joined the course wanting to become a director and will now most likely end up as a set designer.

Other courses you might enjoy

Acting, page 48

Acting and Theatre, page 50

Stage Management and Technical Theatre, page 52

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www.tcd.ie/creativearts/disciplines/drama

amullign@tcd.ie

Bachelor in Acting

(non-CAO)

B.Histr. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Non-CAO	Non-CAO	16	3 years



Special entry requirements

This is a restricted entry course. Online applications must be submitted by the beginning of February 2024. This course is not part of the CAO application system. Application forms can be completed online on The Lir Academy website: www.thelir.ie

Entry is by audition. Students will prepare a classical, a contemporary and a reserve monologue (which can be either classical or contemporary) for the first audition. Each monologue should be no more than three minutes long. Successful applicants at the first audition will be required to attend at least one more round of auditions at which voice, movement and group skills will be assessed. The final date for receipt of applications is beginning of February 2024 however, applicants are encouraged to apply from October 2023 onwards. Auditions will be held between November 2023 and March 2024.



What is the Bachelor in Acting?

This is a three-year, full-time, intensive honours degree for anyone who is serious about acting and wants to become an actor. The structure and contents of this degree have been designed in consultation with the Royal Academy of Dramatic Art (RADA) in London and consists of a practical skills-based course that enables students to learn by doing. The UK and Ireland's leading theatre practitioners form the core panel of teachers within The Lir Academy and a number of visiting international directors, actors, playwrights and producers are regularly scheduled to take workshops, manage projects and lend their expertise to the learning experience. Students will be taught in acting technique, voice, movement, and singing, as well as complementary classes in dramaturgy and text analysis, over six semesters (two per annum) or over nine terms (three per annum).

DO YOU ENJOY...

Intensive training with theatre professionals who are focused on ensuring you become the best actor you can be?

Growing, developing and learning in a friendly fun and safe environment?

Performing on stage, on film or on TV?

Bachelor in Acting: The course for you?

Being an acting student at The Lir Academy is completely different to being a student on other drama courses. While students of degree courses in drama might be in taught classes for approximately 14 hours per week, students at The Lir Academy can expect to be in classes, workshops and rehearsals on average for 35 hours per week, and sometimes more when in production. Training for the theatre at The Lir Academy is founded on the basic principle of simulating the working environment of a professional theatre.

The teaching is intense and offers a high degree of individual tuition. Acting students are expected to maintain a healthy lifestyle in order to cope with the physical demands and stamina required by the training.

Only students who are fully committed to pursuing a career as a professional actor should consider this course. Students who are unsure of their career path at this stage should consider applying for the Foundation Diploma in Acting and Theatre at The Lir Academy, Drama Studies or Drama and Theatre studies.

Bachelor in Acting at Trinity

The Lir Academy was developed by the partnership of the Cathal Ryan Trust and Trinity and opened its doors to the first students in September 2011.

The depth and breadth of the training is enhanced by guest lectures and workshops from leading international figures of stage and screen.

The training offered by The Lir Academy takes place in a custom-built building at Grand Canal Quay, designed specifically for a range of courses in acting, design, directing, lighting design, stage management, technical theatre and playwriting.

Graduate skills and career opportunities

The course is specifically designed to train actors for the theatre, TV and film. All the training is provided by dedicated theatre professionals with strong industry links. All of the final year productions and showcases are designed to attract international employment opportunities for the students. There is a strong emphasis in the training on career preparation, and students will be taught not only how to work as an actor but also how to sustain a career as an actor.

Your degree and what you'll study

First and second years

Students in the first two years of the course take compulsory modules in acting and text, movement studies and voice studies. Teaching is by practical workshop and delivered by professional practitioners. In addition, there is considerable individual tuition to supplement the workshops in all aspects of the course. Students will also be introduced to the techniques of acting for recorded media (film, radio, television).

At the end of second year, students will combine all the skills developed over the two years of training in their first ensemble production to an invited audience.



Third year

Students will be cast in a series of five theatre productions, directed by professional theatre directors. Each production will have multiple performances over a seven-day period and will play to invited agents, directors, producers, as well as the general public. Students will also be cast in a short film, directed by a professional film director and filmed both on set and on location. The films will receive a public screening. Students will also perform an audition showcase in both Dublin and London before an invited audience of agents and directors.

Assessment in the first and second years is based entirely on a series of practical class presentations in all modules. In third year, assessment is by a series of public performances.

Other courses you might enjoy

TR025: Drama and Theatre Studies, page 46

Drama Studies, page 46

Acting and Theatre, page 50

Stage Management and Technical Theatre, page 52



WHAT OUR GRADUATES SAY

Cathal Ryan

It's a wide range of training. A lot of the training is almost about learning about yourself and how to approach a character, empathy and your ways of thinking. Everyone goes on their own journey, for me, a big part of my training was learning that I didn't have to get it right all the time. The willingness, openness and vulnerability of getting it wrong is really freeing.

WHAT OUR STUDENTS SAY

Sophie Lenglinger

I learnt to be bold, trust my instincts and not to shy away from my imagination. Our tutors provided the tools and skills you need to reach your full potential and always offered their support. I also gained first-class knowledge about our industry and its landscape. The community and life-long friends I gained alongside this training are priceless and I couldn't have asked for a better place to be.



GET IN TOUCH!

www.thelir.ie

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www.facebook.com/theliracademy

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Foundation Diploma in Acting and Theatre

(non-CAO)

Diploma (NFQ Level 7)

Course Code	CAO Points 2022	Places 2023	Duration
Non-CAO	Non-CAO	16	24 weeks



What is the Foundation Diploma in Acting and Theatre?

The foundation course is aimed primarily at school leavers who are interested in preparing themselves for three-year actor training at conservatoire level, either at The Lir Academy or other drama schools. With an additional focus on broadening students' reading and understanding of plays and theatre history, it also prepares students for broader drama degrees and related areas of study and work. The course is taught by a committed team of teachers, including many of The Lir Academy's core acting tutors and teachers from our Master of Fine Art programmes. The personal development of students is enhanced by regular individual tutorials with the course director, a dedicated member of staff who supervises all aspects of the programme.

The course also encourages students to develop their own individual creativity with a focus on collaboration, improvisation and lateral thinking.

Foundation Diploma in Acting and Theatre: The course for you?

This course runs for 24 weeks and culminates in an intensive week of rehearsal and project-based work. Classes will take place from Monday to Friday, six hours per day and will cover the core subjects of acting, voice and movement as well as physical theatre, dance, text analysis, choral singing, acting for screen, theatre history, audition technique classes and professional development with a focus on career progression. Assessment is based on a series of practical class presentations in all modules.

The course is specifically designed to prepare students for drama/acting degrees and related areas of study and work within the theatre, TV and film industries. All the training is provided by dedicated theatre professionals with strong industry links.

Graduate skills and career opportunities

The foundation diploma provides the students with a basis in the fundamentals of acting, vocal and movement technique. Students study the main genres of dramatic writing as well as performing these works and developing their own. This training provides the foundation for their future study as actors at Drama Conservatoires as well as for studying academically at B.A. level.

Special entry requirements

This is a restricted entry course. Applications must be submitted by the beginning of February 2024. This course is taught by The Lir National Academy of Dramatic Art at Trinity. It is not part of the CAO application system. Application forms can be completed online on The Lir Academy website: www.thelir.ie. Only one application is needed for the Bachelor in Acting degree and the Foundation Diploma in Acting and Theatre if students are applying for both courses.

Entry is by audition. Students will prepare a classical and a contemporary monologue for the first audition. Each monologue should be no more than three minutes long. Successful applicants at first audition will be required to attend one more round of auditions at which voice, movement and group skills will be assessed. Auditions will be held between November 2023 and March 2024.



Your diploma and what you'll study

This course runs for 24 weeks and culminates in an intensive week of rehearsal and project based work. Classes run Monday to Friday with six hours contact time per day. Classes are led by The Lir Academy's regular teaching staff.

- Core classes in movement, voice and acting
- Individual tutorials with dedicated Foundation Course Coordinator
- Project-based work, focusing on classical and contemporary theatre, culminating in week-long intensive rehearsal periods
- Improvisation and physical theatre
- Text analysis and sight reading
- Choral singing
- Acting for screen
- Solo Shakespeare and Shakespeare scenes
- Theatre history
- Audition technique classes
- Professional development and career progression classes, with a focus on professional acting and non-acting based theatre, TV and film careers.

Other courses you might enjoy

- TR025: Drama and Theatre Studies, page 46
- Drama Studies, page 46
- Acting, page 48
- Stage Management and Technical Theatre, page 52

GET IN TOUCH!

- www.thelir.ie
- admissions@thelir.ie
 - www.facebook.com/theliracademy
 - [@TheLirAcademy](https://twitter.com/TheLirAcademy)
 - [@the_lir](https://www.instagram.com/the_lir)



WHAT OUR GRADUATES SAY

Katie Killarney
The Foundation Course at The Lir Academy, Trinity, really is a foundation for life. The scope of the training introduced me to acting techniques and disciplines I had never encountered before, alongside encouraging me to continually grow and take risks as a performer. The distinctly welcoming and supportive environment of The Lir, cultivated by its family of exceptional tutors and like-minded, creatively driven students, makes whatever challenge the course presents ever-more achievable.

DO YOU ENJOY...

- Devising theatre and film scripts in a creative collaborative environment?
- Performing and studying Shakespearean and contemporary plays?
- Developing your acting, vocal and movement technique for performance?



Bachelor in Stage Management and Technical Theatre

(non-CAO)

B. T. (Proc. & Techn.) Honours Bachelor Degree (NQF Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Non-CAO	Non-CAO	24	3 years



Special entry requirements

This is a restricted entry course. Applications must be submitted by the beginning of February 2024. This course is taught by The Lir National Academy of Dramatic Art at Trinity. It is not part of the CAO application system. Application forms can be completed online on The Lir Academy website: www.thelir.ie

Entry is by interview and everyone who applies will get an interview. The interview is an opportunity for you to demonstrate your passion, ability and understanding for this training and the type of work it will lead to. No experience necessary. Interviews will be held between February and June 2024.

WHAT OUR GRADUATES SAY

Aimee Crilly

If you want to do stage management or any sort of technical theatre this is where you come, because the training that you get, you won't get anywhere else. It's very busy and I really enjoyed it, it's a lot of fun so it doesn't feel like work a lot of the time.



What is the Bachelor in Stage Management and Technical Theatre degree?

This three-year honours degree offers practice-based training to students who are interested in a career in professional theatre, TV and film. It has been enhanced to provide increased opportunities in specialist areas within stage management and technical theatre (such as sound, lighting and construction), increased professional placements and a Capstone research project. Classes on production management, design (set, lighting, costume and sound) and managing your own freelance business will also be introduced during the final year.

DO YOU ENJOY...

The thought of working behind-the-scenes in theatre, film, TV, gaming and event production?

The idea of freelancing on the national and international theatre circuits?

Working with your hands and using your head to organise people, events and schedules – all to make exciting things happen?

Stage Management and Technical Theatre: The course for you?

Students who undertake this course will need to have a keen interest in stage management, production management, lighting, sound, construction, prop making, costume or set design. This is an intensive course requiring a commitment on average of 35 hours per week, 38 weeks per year.

Stage Management and Technical Theatre at Trinity

This degree is specifically designed to train technical staff for the theatre, TV and film industries. Through a series of skills-based courses, placements and professional development programmes the course aims to equip students with the necessary skills to realise a professional theatre production. The practical training during the degree course will be complemented with a range of classes including theatre history, principles

of stage management and principles of theatre technology. Led by dedicated and experienced theatre technicians and stage managers these classes will reflect best practices in professional theatre.

Graduate skills and career opportunities

Stage manager, assistant stage manager, lighting operator, sound operator, costume supervisor, scene and prop maker are just a few of the roles our graduates emerge from our course with the core competencies to succeed in. Others have secured stage management and theatre technician jobs with theatre companies touring nationally and internationally, or technical jobs with companies that support the theatre, TV and film industries such as PSI and Avcom.

Your degree and what you'll study

Core skills-based classes in theatre skills, theatre technologies and theatre studies will be complemented by practice-based learning on in-house productions.

First year

First year is designed to introduce students to practice-based training in all technical departments including lighting, sound, prop making, scenic art, costume, set construction and stage management.

Second year

Second year will see students apply the skills learned from their first year to a series of theatre and film productions, directed and designed by professional practitioners. Each student will have the opportunity to become a head of department and work alongside their peers to deliver a full production.

Third year

In year three students will undertake work placements with prominent theatre companies, festivals and industry-related companies in order to further develop their chosen area of specialism. Capstone research projects will be assigned according to the preferred career choice of each individual student. Further opportunities as head of department on shows and internal projects are offered in this year.

Other courses you might enjoy

TR025: Drama and Theatre Studies, page 46

Drama Studies, page 46

Acting, page 48

Acting and Theatre, page 50

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WHAT OUR GRADUATES SAY

Maeve Crowe

The thing I love most about the training at The Lir is that we constantly get to work with extremely talented professionals from film and theatre. Every six weeks you're on a new show, doing a new role and it's always so exciting, you're learning a new thing every single day.



English Studies

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR023	544	45	4 years
Joint Honours (see below)	448-566	107	4 years



TR023 English Studies is studied as a Single Honours subject AND English Studies is studied as a Joint Honours subject with one of the following options:

- TR166 Classical Civilisation
- TR228 Classical Languages
- TR262 History
- TR263 History of Art and Architecture
- TR269 Philosophy
- TR272 Sociology
- TR276 Drama Studies
- TR277 Modern Language* (French, German, Irish, Russian, Spanish)
- TR312 Film
- TR546 Middle Eastern, Jewish and Islamic Civilisations
- TR664 Religion

* See page 84 for language options and requirements

DO YOU ENJOY...

Reading texts from a variety of cultural and historical backgrounds?

Analysing narrative themes and grounding them in personal context?

Writing critical assessments of works of narrative fiction?

What is English?

Students have the option of studying either English Studies as a Single Honours or Joint Honours course.

The study of English is concerned with the history and practices of writing in English and encompasses literary works spanning English, Anglo-Irish, American and post-colonial cultures. It aims to develop a thorough knowledge of the history of these literatures while also enabling students to develop a sophisticated critical consciousness and an awareness of critical and cultural theory.

Compared to Joint Honours students, English Studies students cover a longer historical range (including before 1300) and also consider topics such as Popular Literature and the Literature of Childhood. The Joint Honours course covers a broad range of literatures written in the English language, from Chaucer to the present day. The aim of the course is to help students acquire a sense of the development of literatures in English over time and space and a rich array of critical techniques and questions.

English: The course for you?

If you want to study the whole range of developments in English and related literatures, from their earliest beginnings through to contemporary studies in the language, you would enjoy English Studies. The course is also suitable if you enjoy analysing narratives to unearth historical, social, and personal themes that ground work in a time and place.

English at Trinity

Trinity is ranked 22nd in the world for English Language and Literature (QS World University Rankings by Subject 2023). Our commitment to small-group teaching means that you will benefit from close personal staff supervision, so that your writing and discussion skills develop.

Our English courses have been designed to develop independence of critical thought and the articulation of informed discussion, both oral and written. Much of your work will be undertaken independently, and you will have at your disposal the resources of one of the world's great libraries, with rich resources in the full range of literature in English.

The School of English also co-ordinates many non-syllabus activities, such as lecture series, conferences and symposia with guest lecturers such as Anne Enright, Colm Tóibín, Emma Donoghue, and Richard Ford.

The School actively supports several journals of creative and critical writing by undergraduates. Many of our students are involved in student societies, where they take part in activities such as journalism, debating and theatre. In this way we ensure that your time studying English at Trinity is exciting and intense.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see page 29 for further information.



Special entry requirements

Leaving Certificate	H4	English
Advanced GCE (A Level)	Grade C	English literature (A or B) or English language (A or B)
International Baccalaureate	HL Grade 5	English



Graduate skills and career opportunities

Trinity's School of English graduates gain leading roles in intellectual, professional and public life. The skills developed by students of English are in high demand from employers, especially in journalism, broadcasting, teaching, advertising, marketing and business, arts management, publishing, law and diplomacy. Recent graduates work in Google, the Irish Times, the Department of Foreign Affairs, RTE and PwC.

The four-year degree provides an outstanding platform for postgraduate study in English, with around 30% of our graduates going on to study a higher degree in English each year.

Many well-known creative writers are Trinity English graduates, including Eavan Boland, Deirdre Madden, Michael Longley, John Connolly, Derek Mahon, Brendan Kennelly, Anne Enright, Paula Meehan and Sally Rooney.

Your degree and what you'll study

The English courses are designed so that the first year consists of compulsory modules, taught through a combination of lectures and tutorials. In the second year there are further compulsory modules, but you will also take open modules outside English. In the third and fourth year, students choose between a large number of option modules in English, reflecting the great variety of expertise among the staff.



First and second years

The first and second year provide an introduction to a variety of critical theories, practices and approaches to literature. You will primarily concentrate on selected prescribed texts. Examples of first and second year modules include: Genres, Irish Writing, Imagining the Middle Ages, Shakespeare, Writing Childhoods, Pulp: Introduction to Popular Literature, American Literature, Postcolonial Literature and Imagining the Contemporary.

Third and fourth years

In the third and fourth years, you will choose most of your modules from a wide range of specialist options; in these years, modules are taught at an advanced level in small group seminars. Examples of third and fourth year modules may include: Creative Writing, Ulysses in Context, African and Caribbean Literature, Crime Fiction, Global Shakespeare, Modernism, American Writing, Children's Literature, Popular Literature, and History of the English Language. All final-year students are expected to complete a Capstone project, which might be a dissertation, a study of material from the Library's Open Collections, or a portfolio of Creative Writing.

Assessment is by a combination of submitted essays, journals, dissertation and end-of-semester examinations. In first and second year the weighting is approximately 66% submitted work and 33% final examinations. In third and fourth year it may vary depending on the modules chosen, although submission of a Capstone project is compulsory for all final year students.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

English Studies is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96.

Study abroad

Students in the School of English may apply to study abroad during their third year, either on the Erasmus programme in Europe or on a non-EU exchange in a wide range of countries, including the US, Australia, Canada, Singapore and China. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

GET IN TOUCH!

www.tcd.ie/english

[E english@tcd.ie](mailto:english@tcd.ie)

Visit us:

If you are considering studying for an English degree at Trinity but want to be sure, you are most welcome to attend first and second year lectures. If you would like to avail of this opportunity, please contact us by email to arrange a visit.

European Studies

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR024	566	45	4 years



What is European Studies?

European Studies is a broad-ranging and integrated programme that offers students the chance to learn European languages, and also study history and social sciences. This programme encourages students to think about our continent in all its complexity, and to analyse Europe's cultures, history, and politics.

European Studies: The course for you?

European Studies is designed for students with a broad intellectual appetite, and who are interested in a range of disciplines and subjects. Staff from different departments work together to deliver a fully integrated programme that offers flexibility and choice for students to tailor their programme and reach their potential.

DO YOU ENJOY...

Learning languages?

Studying Europe's past?

Thinking about the current state of Europe?

If you care about Europe's past and future, if you enjoy studying languages, and have an interest in history, politics, and the workings of contemporary society you will enjoy this course.

European Studies at Trinity

- You will study and gain fluency in two European languages: French, German, Irish, Italian, Polish, Russian, or Spanish (German, Italian, Polish, Spanish, and Russian can be studied from beginner level, Irish can be a minor language only).
- You will explore and engage with cultural, political and societal diversity of European countries, analyse Europe's past, and explore the current state of our complex continent.
- You will spend an exciting year abroad in one of our partner universities.
- You will gain intercultural communication competencies, critical thinking skills and linguistics abilities which will give you a competitive edge in the global job market.

Graduate skills and career opportunities

The intercultural competencies, linguistic abilities, and critical analysis skills gained through European Studies programme allow our graduates to take up opportunities in a diverse range of careers.

Our graduates have a successful track record of securing posts in international organisations in Ireland, the EU and across the rest of the globe. This includes civil service institutions and the diplomatic corps, in business consultancy, and journalism. Recent graduates are building careers in European Commission, Enterprise Ireland, embassies of Ireland across around the world, International Chamber of Commerce, Deloitte, Morgan Stanley, Pernod Ricard Singapore, and E&Y New York, to name but a few.

Your degree and what you'll study

First and second years

In first two years, you will study:

- Two European languages, and society and cultures of the two counties/regions. Both languages are studied equally.
- The history of early modern Europe, an introductory module to the history of ideas followed by study of the history of Europe in the 20th century.
- An introductory module in your choice of social sciences, political science, sociology or economics (in year one) and options of your choice in history, politics, sociology, or economics (in year two).

Third and fourth years

You will choose a Major language and will spend your third year at a university abroad studying through the major language.

In the final year, you will:

- Continue advancing both Major and Minor languages.
- Choose options from a wide range of modules in history, political science, sociology, economics, culture and literature.
- Study your final core module 'Modernity and Society: Ideas and Culture in Europe since 1850' and write a Capstone on a topic of your choice.

At all levels, you will be assessed by a combination of continuous assessment and exams. We use a mix of traditional and innovative continuous assessment methods. These include written, oral and aural examinations, essays, project work, presentations, podcast creation, book reviews and dossiers. Final-year students also write a Capstone project.

Special entry requirements

Leaving Certificate	H3	If presenting French
	H4	If presenting any other language
Advanced GCE (A Level)	Grade B	In one language other than English or Irish
Or	Grade C	In two languages other than English or Irish (as listed above)
International Baccalaureate	HL Grade 6	In one Language other than English or Irish
	HL Grade 5	In two languages other than English or Irish (as listed above)

Students study two languages from French, German, Irish, Italian, Polish, Russian and Spanish.

German, Italian, Polish, Russian and Spanish are available from beginner level. No student may study more than one language as a beginner. See note 8 on page 230.

Applicants must present with at least one European language (other than English and Irish) in the Leaving Certificate (or equivalent).

If candidates are presenting one language (other than English or Irish), they must attain a grade of H3 or higher.

If candidates are presenting two or more languages, they must present at least one of French, German, Greek, Italian, Latin, Polish, Russian, Spanish, and they must attain at least the following grades: Leaving Certificate H3 if presenting French and H4 if presenting any other language.

English Studies is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96..

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Immersing yourself in the language and culture of a country of your choosing is one of the most valuable ways of achieving fluency and getting to know about the people, politics, and history of a place. A year or semester studying abroad will be one of the highlights of your experience as a Trinity European Studies student. You will spend time in one of our partner universities in:

- France (Paris, Strasbourg, Grenoble, and Bordeaux),

- Germany (Hamburg, Tübingen, Freiburg),
- Austria (Vienna),
- Italy (Florence, Milan, Pavia, Siena, and Trento),
- Poland (Kraków),
- Russia (Moscow) replaced by Estonia (Tallinn)
- Spain (Seville, Salamanca, Alcalá, and Zaragoza).

The year abroad may entail additional expenses for students but support funding under the European Union's Erasmus scheme partially offsets this (with the exception of Russia, this is outside the Erasmus scheme). For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

WHAT OUR GRADUATES SAY

Eimhin O'Reilly

I have had a great opportunity to take a broad variety of disciplines in European Studies, and then to specialise in subjects of particular interest to me. Staff and students in European Studies at Trinity come from a range of countries and backgrounds which provides a great context for study. I was delighted to have the chance to spend my third year at a university in Spain. I am going to use the knowledge and skills I have gained from European Studies as I begin my career working abroad.



Other courses you might enjoy

- TR040: Middle Eastern and European Languages and Cultures, page 78
- Modern Language plus another subject, page 84
- Modern Languages, page 82
- Columbia University Dual B.A., page 96

GET IN TOUCH!

www.tcd.ie/european_studies
E undergraduate.slcs@tcd.ie

Film

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR042	520	15	4 years
Joint Honours (see below)	529-566	30	4 years



TR042 Film is studied as a Single Honours subject AND Film is studied as a Joint Honours subject with one of the following options:

- TR311 Drama Studies
- TR312 English Studies
- TR320 Music
- TR324 Modern Language*
(French, Irish, Italian, Spanish)
- TR325 History

* See page 84 for language options and requirements

What is Film?

Why do films affect us the way they do? Why did the introduction of sound change film forever? What do we mean by ‘independent cinema’? What is a digital story world? These and many more are the questions that Film asks students to consider in small-group lectures and seminars. In addition, over the course of your degree you’ll be encouraged to respond creatively to critical issues via projects, presentations, short films and video essays, as well as to develop your screenwriting skills to see if you have a fresh vision to share with the world around you.

Film: The course for you?

If you dream of becoming the new darling of Hollywood, and of immersing yourself in the practicalities of film production, then this is not the course for you. Film at Trinity is built on strong academic and intellectual foundations – core courses include the history of Hollywood filmmaking, introduction to Non-Western cinemas, aspects of European cinemas, Irish cinema and theories of the digital image. You will also be introduced to basic screenwriting and filmmaking, using the format of the writers’ room, and exploring the potential of the smartphone to create mini-dramas. You will study documentary theory and follow this up by making a short documentary film. In third and fourth year, you will build on the fundamentals you have learnt through more advanced options, while always maintaining a balance between critical learning and practical outputs.

Film at Trinity

Trinity ranked in the top 100 for Performing Arts (QS World University Rankings by Subject 2022), reflecting the quality of our teaching and learning. Film students are encouraged to collaborate with other students in the School through shared learning modules and facilities. Equally, students of Film are heavily engaged in DU Film Society and in the student-run film journal, Trinity Film Review. Our students regularly attend film festivals, including the Berlin Film Festival and the Venice Film Festival, and organise screenings and film events.

Our ‘In Conversation’ series of public talks offers students the opportunity to attend talks by leading practitioners. Participants to date include: Lenny Abrahamson, John Butler and Emer Reynolds.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

Graduate skills and career opportunities

In 2019, Film formed an Industry Advisory Panel. The members of this panel are: Lenny Abrahamson, Aoife Duffin, Gavin Fitzgerald, Paddy Breathnach, Alan Gilsenan, Ed Guiney, Neasa Hardiman, Katie Holly, Lucy Kennedy, Helena Korner, Claire McGirr, Niall McKay, Maeve O’Boyle, Marian Quinn and Ken Wardrop. The panel is available to offer career advice to students and to give talks on the industry. Not all students may wish to enter the film industry (and our graduates all take further training before being industry-ready), and many have gone on to careers in writing, journalism and marketing, as well as to advanced study.

What jobs do Trinity graduates of Film do?

A degree in Film offers career opportunities in many areas of the film and television industry. Recent graduates of Film at Trinity have gone on to be involved in the film industry in a number of ways, from directing, editing, and writing feature-length films to production and administration, as well as critical journalism, digital media, advertising, and marketing. This degree also offers opportunities in the many general areas open to arts graduates, such as administration, teaching, civil and public service. A number of our graduates have gone on to further study in film and associated areas.



Your degree and what you’ll study

First and second years

In first and second year, you will study the following subjects: Introduction to Film Analysis, American Cinema from the Silent Era to the 1930s, American Cinema from the 1930s to the 1960s, Introduction to European Cinemas, Introduction to Non-Western Cinemas, Introduction to Digital Media, Ireland and the Cinema, History and Practice of Visual Analysis, Fundamentals of Filmmaking, Introduction to Screenwriting, Introduction to Editing, Introduction to Film Theory and Criticism, The Film Soundtrack and Documentary Theory and Practice.

Third and fourth years

In third and fourth year you will study Digital Storyworlds, Contemporary Non-Western cinemas, Film Theory and Criticism, Melodrama, Russian Cinema, Screening Irish-America, Transnational Cinemas, New Hollywood Cinema, Cult Cinema, British cinema, History and Practice of Visual Analysis, Film Costume and Fashion, Post-Revolutionary Iranian Cinema, Writing for the Big Screen, Writing for the Small Screen, Advanced Editing, Creative Film Practice and Practical Documentary.

Film students are assessed by a combination of essay, assignment, project, class



participation and presentation. In their final year, students will create a screenplay or video essay with an accompanying theoretical rationale of 4,000 words.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

English Studies is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96.

Study abroad

Film has Erasmus exchanges with universities in France (Paris and Rennes) and Germany (Freie Universität). Students regularly participate in Non-EU exchanges (at UCLA, USC, University of British Columbia and others). For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

GET IN TOUCH!

www.tcd.ie/creativearts/disciplines/film/

filmstds@tcd.ie
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WHAT OUR GRADUATES SAY

Matthew McInerney-Lacombe

After graduating from Trinity, Matthew went on to graduate from NYU’s Tisch School of the Arts with an M.A. in Dramatic Writing, and was honoured with the Outstanding Writing for the Screen, Graduate Award. Matthew sold his first screenplay to Fox Studios, *Spring Offensive*, which was listed on the *Blacklist*.

There is so much to say about my time as a Film student at Trinity, but I think the most important thing is just how much I enjoyed it. In Film, being surrounded by both my classmates’ and teachers’ love of film, the impossibility of making a life in film became possible. I think when you study something you love, a B.A. goes from being a requirement for gainful employment, to a really transformative experience.

French

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	377-613	12	4 years



French is studied as a Joint Honours subject with one of the following options:

- TR018 Law[^]
- TR085 Business Studies[^]
- TR114 Ancient History and Archaeology
- TR208 Economics
- TR239 Classical Languages
- TR277 English Studies
- TR324 Film
- TR326 Geography
- TR445 History of Art and Architecture
- TR563 Middle Eastern, Jewish and Islamic Civilisations
- TR588 Linguistics
- TR636 Music
- TR639 Philosophy
- TR666 Religion
- TR757 Social Policy
- TR667/TR669/TR670/TR671 Modern Language* (German, Irish, Italian, Russian, Spanish)

* See pages 82 and 84 for language options and requirements

[^] See page 112 for Law and page 106 for Business Studies

DO YOU ENJOY...

Reading and discussing literature?

Reflecting on history, politics and philosophy?

Learning to speak and write in a foreign language and interacting with different cultures?

French: The course for you?

- French is a major world language, and an official working language of many international organisations (UN, OECD, and NATO, to name a few) and plays a decisive role in world affairs. Knowledge of French opens a world of opportunities to those who study it.
- In 2018, Ireland became an observer member of the Organisation internationale de la Francophonie (OIF), the international cultural and economic cooperation body for the French-speaking world, thereby recognising the importance of French in the post-Brexit EU and the economic possibilities that exist beyond the English-speaking world.
- French has a rich cultural, literary, and intellectual heritage. You will find studying French enjoyable and rewarding if you have a passion for a language, French culture, French and European history, politics and thought, literature in all its forms, cinema, and drama.
- You may also learn French at Trinity by opting for one of the multidisciplinary, non-literary degree programmes: European Studies (with French and another language), Middle Eastern and European Languages and Cultures (with French), Business Studies and French, Law and French, and Computer Science and Language (French).

French at Trinity

- You will study French language to advanced level in a small group setting.
- You will explore and engage with cultural, literary, social and political diversity of France and the French speaking world.
- You will have a life-changing opportunity to study abroad.
- You will develop linguistic abilities, intercultural competencies and critical thinking skills for a competitive advantage in the job market.

In-depth study of languages has never been more relevant. As Artificial Intelligence (AI) makes it easier for companies and organisations to establish contact with foreign partners, further advancing globalisation, there is an increased need for high-level multilingual staff who can manage international teams, take legal responsibility for translations, and conduct multicultural negotiations. Ever advancing AI may indeed replace a basic command of a foreign language but highly fluent critical thinkers are, and will remain, in ever higher demand.

WHAT OUR GRADUATES SAY

Gary Hartigan

Collections Analyst

Studying French at Trinity has been invaluable to my personal and professional development. Studying French allowed me to work in Paris for the summer months and study on Erasmus in Lille for the first semester of my third year. Studying on such a vibrant campus has enabled me to work as a collections analyst with French for a large multinational company, liaising and building strong relationships with French-speaking clients on a daily basis.

Special entry requirements

Leaving Certificate	H4	French
Advanced GCE (A Level)	Grade C	French
H3 for combinations with Law (TR018) and Business (TR085)		

Graduate skills and career opportunities

Independent thinking and critical analysis skills, advanced linguistic abilities, intercultural communication competencies, and advanced research and presentation skills are just a few of core competencies which a degree in French will help you develop and expand.

Graduates follow a wide range of careers all over the world. While a limited number of these build directly on a specialised knowledge of subjects studied, more commonly it is the general intellectual and personal skills developed which prove to be of most obvious value to employers. Some graduates also go on to take postgraduate courses in areas such as law, marketing and business for which a degree in arts and humanities provides an ideal background.

Our recent graduates are working in areas as diverse as diplomacy, tourism, publishing, investment banking, second-level teaching, the Civil Service, arts administration, translation and interpreting. Graduates have secured careers in Google, eBay, Christian Louboutin, The Abbey Theatre, Amazon, the British Institute in Florence, the Museum of Modern Art in New York or the Centre Culturel Irlandais in Paris.

Your degree and what you'll study

Pathways

At entry, French must be combined with one other subject. In later years, you will be able to select additional subjects and electives. The pathways available for study are Single Honours, Major with Minor and Joint Honours in French. Please see page 29 for further information.

First and second years

The programme in first years will cover three main areas:

- French language: you will advance fluency in reading, writing, speaking and listening, and build the foundation for studying abroad.
- French literature: from modern fiction, to poetry, theatre and cinema.
- French and francophone history and society (first year); French ideas and politics; French linguistics (second year).

WHAT OUR CURRENT STUDENTS SAY

Mairéad Walsh

I feel blessed to have met such wonderful people, both staff and classmates, who have helped to shape me into an open and inquisitive mind, hungry to travel (across the francophone world and beyond), to work, to further my studies and to ultimately think for myself.

Third and fourth years

You will combine advanced language study and a wide range of module choices, allowing you to choose options that reflect your own interests. Options range from study of Renaissance and Enlightenment writing to Romantic and Modern French literature; from French and francophone society and identity to French critical theory, philosophy and cinema. In your final year, you will research and write a Capstone project in English or French on a subject of your choice in consultation with a supervisor.

At all levels, you will be assessed by a combination of continuous assessment and exams. We use a mix of traditional and innovative continuous assessment methods – essays, project work, online grammar tests, presentations, book reviews and dossiers, and podcast creation. Language modules are traditionally assessed by written, oral and aural examinations.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Immersing yourself in the language and culture is also one of the most valuable ways of achieving fluency and getting to know about the people, politics, history and culture when you are studying a language. A year or semester studying abroad will be one of the highlights of your experience as Trinity languages student. For students of French we have exchange agreements with universities in Paris (Paris 3 Sorbonne Nouvelle), Lumière University Lyon 2, Bordeaux-Montaigne and Orléans.

Other courses you might enjoy

TR018: Law and French, page 112

TR024: European Studies – French with German/Italian/Polish/Russian or Spanish, page 56


TR039: Computer Science, Linguistics and a Language, page 134

TR040: Middle Eastern and European Languages and Cultures, page 78

TR085: Business Studies and French, page 106

GET IN TOUCH!

www.tcd.ie/french

 undergraduate.slcs@tcd.ie

 @TCDslcs



Geography

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	341-578	62	4 years



Geography is studied as a Joint Honours subject with one of the following options:

- TR111 Ancient History and Archaeology
- TR198 Economics
- TR240 Computer Science
- TR322 History
- TR326 Modern Language*
(French, Italian, German, Russian)
- TR332 Sociology
- TR328 Political Science

* See page 84 for language options and requirements

What is Geography?

Geography is a discipline inherently suited to addressing current and future societal challenges. It asks questions about how and why human, physical, and environmental phenomena vary across space and time. Geography is intrinsically interdisciplinary and, as the world becomes increasingly interconnected, geographers are well placed to bring their understanding and skills to bear on social and environmental issues.

Geography: The course for you?

Today, geographical knowledge and experience are more important than ever, helping us to understand a dynamic and rapidly changing world. Our staff are world leaders in their chosen field and bring that expertise to their teaching. You will get to study in the classroom and the field, and undertake independent research in Ireland, overseas and even on Mars!

Geography at Trinity

Trinity is ranked in the top 100 for Geography (QS World University Rankings by Subject 2022) and is a hub of intensive and extensive geographical scholarship in Ireland. We teach and research topics that really matter, from coastal modelling and environmental change to development theory and urbanisation. It is not surprising that Trinity Geographers provide expert advice to governments and non-government institutions alike, on issues such as climate change, the economy, social inequality, health and wellbeing.

Graduate skills and career opportunities

Geographers are known to have exceptional analytical skills, both quantitative and qualitative. This combination of subject specific (such as GIS, remote sensing, modelling) and transferable skills (such as teamwork, problem solving) make geography graduates highly valued in today's job market, where adaptability and flexibility are widely regarded as critical assets. The ease with which our graduates find employment in all sorts of sectors suggests that employers know this!

Careers taken up by graduating geography students include urban and regional planning, environmental consultancy, research and teaching, financial services, foreign affairs, leisure, tourism and overseas development, government and non-government environmental and policy agencies.

WHAT OUR CURRENT STUDENTS SAY

Rachel Skelly

Geography at Trinity is fantastic. It's a small department with its own building, library, and an incredible librarian! There are so many interesting modules available across physical and human geography; and within those you have the opportunity to focus on the area you're most passionate about. The lecturers really care about their students and want you to get the most out of your time in the department. Through the Geographical Society I've made friends across the years, with postgraduate students and with the lecturers. I honestly can't recommend geography at Trinity highly enough, it has given me a great understanding of the world and really prepared me for the labour-force.

Your degree and what you'll study

The first year Geography course aims to provide a solid grounding in human, physical and environmental geography, focusing on materials that are dealt with in greater depth in later years. During fourth year, students specialising in Geography undertake a research dissertation and choose from optional modules that include:

- Understanding Environmental Change
- Globalisation and African Development
- Historical Geography I and II
- Glaciers and Glaciation
- Environmental Governance II
- Spatial Analysis Using GIS
- Coastal Wetlands
- Urban Geography: Cities, Space and Culture

A combination of continuous assessment and end-of-semester examination is used.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

There are opportunities for students to spend all or part of the third year studying abroad at Exeter, Bordeaux, Paris-Sorbonne, Prague (Charles University), Utrecht or Stockholm universities. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Please note you can also enter Geography via:

TR062: Geography and Geoscience, page 172

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WHAT OUR GRADUATES SAY

Sarah McDonagh

It might be cheesy to say that 'geography rocks' but it's true! Studying Geography at Trinity has left me with more than just an education. Through the wide range of modules offered within the course I have learnt a diverse range of skills which are really relevant in today's society. Not only that, but the chance to partake in field-trips both at home and abroad makes this course an excellent place for forming lasting friendships while learning lots along the way.



German

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	377-613	9	4 years



German is studied as a Joint Honours subject with one of the following options:

- TR019 Law[^]
- TR086 Business Studies[^]
- TR114 Ancient History and Archaeology
- TR177 Classical Civilisation
- TR208 Economics
- TR239 Classical Languages
- TR277 English Studies
- TR323 Drama Studies
- TR326 Geography
- TR447 History
- TR588 Linguistics
- TR597 Mathematics
- TR636 Music
- TR639 Philosophy
- TR666 Religion
- TR756 Sociology
- TR757 Social Policy
- TR667/TR668/TR669 Modern Language*
(French, Irish, Italian, Spanish)

* See pages 82 and 84 for language options and requirements

[^] See page 112 for Law and page 106 for Business Studies

DO YOU ENJOY...

Learning a new language with native speakers in small groups, theatre rehearsals, debates, and other social activities?

Challenging received wisdom, thinking critically, analytically, independently?

Reflecting on the culture and history behind a widely spoken European language?

German: The course for you?

- To study German is a passport to possibility. The language is spoken by over 100 million people.
- German is an official language of the European Union and an asset in the jobs market in Ireland, Europe and around the world.
- Studying German expands your mind. German is the language of some of history's most influential artists and thinkers, and Germany – for good and ill – has shaped European and world history.
- You don't have to have done Leaving Certificate/A-Level German to study with us: we also offer Beginner's German in First Year.

German at Trinity

- You will study the German language to advanced level in small group settings with native speakers.
- You will explore and engage with the cultural, literary, social and political diversity of Germany and the German-speaking world.
- You will have a life-changing opportunity to study abroad.
- You will develop linguistic abilities, intercultural competencies and critical thinking skills for a competitive advantage in the jobs market.

In depth study of languages has never been more relevant. As Artificial Intelligence (AI) makes it easier for companies and organisations to establish contact with foreign partners, further advancing globalisation, there is an increased need for high-level multilingual staff who can manage international teams, take legal responsibility for translations, and conduct multicultural negotiations. Ever advancing AI may indeed replace a basic command of a foreign language but highly fluent critical thinkers are, and will remain, in high demand.

Graduate skills and career opportunities

Independent thinking and critical analysis skills, advanced linguistic abilities, intercultural communication competencies, and advanced research and presentation skills are just a few of the core competencies which a degree in German will help you develop and expand.

Graduates follow a wide range of careers all over the world. While a limited number of these build directly on a specialised knowledge of subjects studied, more commonly it is the general intellectual and personal skills developed which prove to be of most obvious value to employers. Some graduates also go on to take postgraduate courses in areas such as law, marketing and business for which a degree in arts and humanities provides an ideal background.

Our recent graduates are working in areas as diverse as diplomacy, tourism, publishing, investment banking, second-level teaching, the Civil Service, arts administration, translation and interpreting. Graduates have secured careers in Google, Deutsche Bank and Enterprise Ireland, as well as in telecoms, IT, education, public service, the media, law, and in universities in Ireland, Europe, and North America.



Special entry requirements

Leaving Certificate	H4	In German or, for beginners, in a language other than English
Advanced GCE (A Level)	Grade C	In German or, for beginners, in a language other than English
H3 for combinations with Law (TR018) and Business (TR085)		

Your degree and what you'll study

Pathways

At entry, German must be combined with one other subject. In later years, you will be able to select additional subjects and electives. The pathways available for study are Single Honours, Major with Minor and Joint Honours in German. Please see page 29 for further information.

First and second years

The course will cover three main areas:

- German language: this will cultivate your written, oral and aural skills and help you develop fluency and accuracy in expression, preparing you for study abroad.
- Area studies: this introduces you to social, political and cultural issues in modern Germany, Austria and Switzerland.
- Literature and textual studies: you will explore key aspects of modern German literature and film, and you will read and analyse literary and non-literary texts in German.

In second year, seminars will discuss topics such as National Socialism, Hitler, German-Jewish literary and cultural history, and themes from twentieth-century German and Austrian literature.

Third and fourth years

You will combine advanced language study and a wide range of module choices, allowing you to choose options that reflect your own interests. Options span German intellectual history, culture and literature from the nineteenth century to the present. In your final year, you will research and write a Capstone project on a subject of your choice in consultation with a supervisor expert in the area.

You will be assessed by a combination of continuous assessment and exams. We use a mix of traditional and innovative continuous assessment methods – essays, project work, presentations and journals. Language modules are assessed by written, oral and aural examinations.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Immersing yourself in the language and culture is one of the most valuable ways of achieving fluency and getting to know about the people, politics, history and culture of the language you are studying. A year or semester studying abroad will be one of the highlights of your experience as a Trinity languages student. For students of German, we have exchange agreements with universities in Cologne, Göttingen, Konstanz and Vienna.

Single Honours students spend an exciting third year of study abroad (compulsory), Joint Honours students can choose to spend a year or a semester in their third year in one of our partner universities. At a minimum, you will be required to spend two months in a German-speaking country during the course of your studies. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Other courses you might enjoy

TR019: Law and German, page 112

TR024: European Studies, page 56

TR040: Middle Eastern and European Language and Cultures, page 78

TR086: Business Studies and German, page 106



WHAT OUR GRADUATES SAY

John Gavin

The German component of my degree has not only prepared me for working in a European business where I speak German every day, but also to cope with the day-to-day cultural differences, which one faces on a daily basis. Over the past two years working in an international company, I have noticed how my degree has given me a distinct competitive edge in regards to spoken level of German, understanding the German culture, being open to other cultures in general and confidence in public speaking when working in an international environment.

GET IN TOUCH!

www.tcd.ie/germanic_studies

undergraduate.slcs@tcd.ie

@TCDslcs

Visit us:

If you are considering studying German, you are welcome to sample some lectures during teaching terms. If you would like to avail of this opportunity, please contact us by email to arrange a visit.



History

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR003	523	39	4 years
Joint Honours (see below)	462-613	68	4 years



TR003 History is studied as a Single Honours subject AND History is studied as a Joint Honours subject with one of the following options:

- TR112** Ancient History and Archaeology
- TR202** Economics
- TR262** English Studies
- TR322** Geography
- TR325** Film
- TR443** History of Art and Architecture
- TR447** Modern Language* (German, Irish, Italian, Russian, Spanish)
- TR449** Philosophy
- TR454** Religion
- TR457** Political Science
- TR554** Middle Eastern, Jewish and Islamic Civilisations
- TR581:** Law

* See page 84 for language options and requirements

What is History?

History is the study of how we and those before us interpret the past. Studying History means studying lives, events and ideas in times and places often very different from our own. History embraces everything from the rise and fall of empires, or the birth of new ideologies, to the contrasting everyday lives of people in a whole range of settings, across time and across the globe. Studying History means developing critical skills, learning to express your ideas and arguments clearly, and becoming self-directed in your studies.

History: The course for you?

History is a subject for the intellectually curious. It offers an enormous diversity of subjects to explore, questions to ponder and problems to resolve. The History modules at Trinity allow you to study a remarkable range of types of history – whether cultural or political history, military or social history, environmental history or the history of ideas – from the early Middle Ages to the very recent past. We offer survey modules allowing you to grasp the broad patterns in history, specialist modules where you can study topics of particular interest to you in small classes, and opportunities for you

and American history. We take special pride in the small-group teaching which characterises the final two years of study in particular, and for being a department which places student learning at the centre of its values.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

Graduate skills and career opportunities

Over many decades History graduates (Single Honours and Joint Honours) have pursued successful careers in a wide range of areas. These include: accountancy, advertising, banking, broadcasting, arts and heritage administration, human resources, journalism, law, public administration, public relations, management, marketing, publishing and teaching. Our graduates work for organisations such as the Irish Times, the Law Society of Ireland, Oxfam, IBEC, the American Chamber of Commerce, RTÉ, Google, the United Nations and Accenture. The diversity of careers reflects the wide array of skills amassed by students undertaking a degree in History at Trinity.



DO YOU ENJOY...

Undertaking your own research into historical questions?

Reading widely and critically?

Expressing and debating your ideas in essays, presentations and class discussion?

History at Trinity

The History department at Trinity offers a remarkably broad range of discipline options for its size. The four-year programme allows students to lay firm foundations in the first two years, with wide-ranging modules on medieval and modern history, Irish, European, American, environmental and global history, as well as on historical methods and approaches. The final two years of the programme allow students the chance to study several specialist modules in-depth and to undertake independent research on a subject of their own choice. The breadth and depth of study in this programme is unique in Ireland and has few rivals internationally.

Trinity is a leading university internationally for the study of History. Our staff has published extensively in the fields of Irish, British, European

Your degree and what you'll study

The History programme combines the strength of a broad-based programme in the first two years, introducing all students to the sheer diversity of historical studies, with the freedom to explore areas of particular interest to individual students in the final two years.

The first and second years provide a range of modules covering medieval and modern periods, including Irish, European, and American history, as well as modules exploring the skills and methods which historians use, and the kinds of debates in which historians engage. Teaching is in lectures and small group tutorials.

All students will have an opportunity to undertake a group project in their second year, undertaking research as a team. The third and fourth years offer a wide range of choice in more specialist modules, all taught by staff with expertise in that field.

There is the opportunity to concentrate on those parts of history which interest you most in the final year Capstone project, an independent project which many students find the most rewarding part of their degree programme.

First and second years

Single Honours students take modules in Medieval and Early Modern Irish and European history in their first year, as well as modules to introduce the methods and approaches historians use in their studies.

In their second year, students take modules in Modern Irish and Modern European History, in US History and in Global History.

They also take modules exploring how history has been interpreted and presented, not just by professional historians but within popular culture, and they take part in a year-long small group project. Joint Honours students also take part in the group project in second year, and select from the period-specific modules to make up the History component of their studies.

Third and fourth years

We offer a range of topics within three different categories:

List I (Special Subject) modules involve intensive research and writing based on primary sources. Some examples include:

- Medieval Marriage
- Europe Reformed, 1540-1600
- American Politics and Culture, 1939-1989
- Ireland's Colonial Legacy
- China 1911-1949
- The French Revolution, 1789-1799

List II modules are broader thematically and analytically. Some will have a particular focus on historiography; on how different historians have tried to understand a period or problem.



Some examples include:

- Race and Ethnicity in American Thought since 1940
- Atlantic Island: Eighteenth-Century Ireland in Oceanic Perspective
- Global Crisis: Environmental Disasters in World History
- German Empires at War, 1914-1945
- The Troubles, 1968-1998; From Civil Rights to the Good Friday Agreement

List III modules focus on one particular text or moment. Some examples include:

- Reading Marx
- The Repatriation of Roger Casement
- Froissart, Chivalry, and Warfare

Third year students also take two linked research methods module that focus specifically on concepts and theories in historiography and the preparation of a research proposal, which may be used as the basis for a dissertation in the fourth year.

In any given year there will be a variety of types of history on offer – including political, social, cultural, environmental or intellectual history – ranging in time from Early Medieval Ireland to the post 1945 world, and including Irish, European, American and Asian history modules.

Students are assessed through both examinations and coursework in each year of the programme. In third and fourth year the balance is approximately 50% exams and 50% continuous assessment.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

History is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A. For more details, see page 96.

Study abroad

The Department of History has Erasmus exchange agreements with a wide range of European universities including the Sorbonne (Paris), the University of Vienna and Charles University in Prague. The Department also has an exchange agreement with the University of Tokyo, and students of History can also arrange for a year abroad in other countries, notably the USA, Australia and Canada, where some recent examples would include the University of California, the University of Sydney or McGill University (Montreal). For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Other courses you might enjoy

TR021: Classics, Ancient History and Archaeology, page 34

TR028: Ancient and Medieval History and Culture, page 68

Columbia University Dual B.A., page 96

GET IN TOUCH!

www.tcd.ie/history

[E histhum@tcd.ie](mailto:histhum@tcd.ie)



Ancient and Medieval History and Culture

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR028	463	16	4 years



What is Ancient and Medieval History and Culture?

Ancient and Medieval History and Culture concentrates on the period c. 2000 B.C. to 1500 A.D. It explores the changes in society, politics, religious practices, and art and architecture that have helped to shape the world we live in. Over the four years of the programme you will explore topics including the development of different systems of government (from democracy in ancient Greece to monarchy and empire in the Middle Ages), the formation of Europe, ancient and medieval belief systems and religious practices (from the pantheon of ancient deities to the dominance of Christianity), the development of the legal system, and the role of warfare in bringing about change. You will have the opportunity to explore developments in educational practices including the emergence of the university, changing attitudes to gender, sexuality and the place of women in society, and the different styles of European art and architecture used in the period.

Ancient and Medieval History and Culture: The course for you?

If you are curious about the past and how history has shaped the world we live in, then Ancient and Medieval History and Culture will appeal to you. Through the investigation of texts, artefacts and buildings this programme provides an intellectually stimulating encounter with the past, and challenges you to think about a range of cultural, social and political issues. Ancient and Medieval History and Culture is a unique programme that brings together the disciplines of Classics, History and Art History to train you to work across traditional disciplinary boundaries.

Ancient and Medieval History and Culture at Trinity

The programme in Ancient and Medieval History and Culture is unique in offering a focused study of antiquity and the Middle Ages. As part of the School of Histories and Humanities, you will be able to work with experts in the

disciplines of Classics, History and Art History, joining a vibrant community of staff and students in this interdisciplinary programme. As you progress through the course you will be able to choose to focus on particular time periods or themes, culminating in the opportunity to undertake a Capstone research project. You will have access to rich collections of source material, including the university collections, visits to museums and galleries in Dublin, and opportunities to venture further afield through field trips to other European destinations and through archaeological excavation opportunities.

Graduate skills and career opportunities

Our graduates go on to a wide range of careers including archaeology, journalism, museums and conservation, marketing, and teaching. Graduates from the School of Histories and Humanities have also entered accountancy, advertising, business, civil service, diplomatic corps, human resources, journalism, management, and publishing. Many also go on to further study.

DO YOU ENJOY...

Looking at a wide range of source material, including texts, archaeological sites, art and architecture?

Learning about antiquity and the Middle Ages?

Exploring how the past is relevant today?



Your degree and what you'll study

Ancient and Medieval History and Culture is a four-year honours degree programme. Over the four years you will develop a broad understanding of the ancient and medieval worlds through an analysis of their art, architecture, archaeology, culture and history. These disciplines will be introduced to you in the first year of the programme. The teaching includes lectures, seminars (typically with 10-15 students) and site visits. As your studies progress, the modules become more thematically specialised, with an increasing emphasis on intensive discussion and independent research. In third and fourth years you have the option to choose from a wide range of modules, providing an opportunity for specialised research in areas that particularly interest you. Our teaching and learning is dynamic, with a strong emphasis on student participation.

First year

Introductory modules in Ancient History or Latin, Art History, and Medieval History. These modules introduce you to key developments in the history and culture of antiquity and the Middle Ages c. 2000 B.C. to 1500 A.D.

Second year

In the second year all students take compulsory modules in Medieval History, Greek History and Roman Imperial History, and Medieval Art. The remaining modules are chosen from a range offered by the three disciplines, for example Irish, British or European Medieval History, Latin, Architectural History, the Art of the Italian Renaissance, and the Archaeology of the Greek and Roman Worlds. There is an opportunity to take Trinity Elective modules too.



Third and fourth years

In the third year the only compulsory module explores the city of Rome in antiquity and the Middle Ages. You may choose other modules exploring aspects of ancient history, medieval history, art history and archaeology. In the final year you will choose two modules and write a Capstone project. Amongst the modules which may be available to study are: Spectacle and Entertainment in the Greek and Roman Worlds; Kings and Cities in the Hellenistic World; Anthropology and the Greeks; Ancient Cyprus; The Vikings c. 790-1100 A.D.; From Kingdom to Colony, Ireland in the Twelfth Century; Kingship, Tyranny and Revolution, 1377-99; Medieval Marriage; Art, Gender & The Body in Renaissance Italy; Art & Architecture in Late Medieval Ireland.

The programme is assessed through a combination of end-of-semester examinations and continuous assessment (including essays, seminar presentations, group-work projects, and commentaries on sources). Students undertake a Capstone research in the final year.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

In the second and third years of the programme students may take part in the annual field trip. These trips allow students to undertake detailed first-hand analysis of sites and objects. Past destinations have included Bruges/Ghent; Canterbury, Cologne, Durham, and Florence.

Students studying Ancient and Medieval History and Culture may apply to spend a year abroad, using the exchange networks of the School of Histories and Humanities. These include Erasmus programme links with universities in Berlin, Bologna, Bordeaux, Edinburgh, Florence, Geneva, Istanbul, Madrid, Manchester, Paris, Pisa, Prague, Siena, St Andrews, Uppsala and Vienna. In addition, the programme facilitates exchanges with non-European institutions in Australia, Canada, China, Singapore and the USA. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Other courses you might enjoy

TR003: History, page 66
History (Joint Honours), page 66

GET IN TOUCH!

www.histories-humanities.tcd.ie/undergraduate/ancient-medieval
E hdodge@tcd.ie



History of Art and Architecture

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR043	467	13	4 years
Joint Honours (see below)	341-567	43	4 years



TR043 History of Art and Architecture is studied as a Single Honours subject AND History of Art and Architecture is studied as a Joint Honours subject with one of the following options:

- TR113** Ancient History and Archaeology
- TR173** Classical Civilisation
- TR231** Classical Languages
- TR263** English Studies
- TR443** History
- TR455** Modern Language* (French, Irish, Italian, Spanish)
- TR479** Philosophy
- TR482** Sociology
- TR485** Drama Studies
- TR665** Religion

* See page 84 for language options and requirements

DO YOU ENJOY...

Looking at and thinking about paintings, sculpture, and architecture?

Exploring the many historical and contemporary meanings to be found in works of art?

Putting into words what you think about the richness and complexity of visual culture?

What is History of Art and Architecture?

History of Art and Architecture is about the study of images, objects and buildings. It is unique in developing high levels of visual literacy applicable to a range of career pathways. It explores why works of art look the way they do and seeks to discover what they say about the societies that created them. It develops skills in visual analysis, critical assessment, and communication.

History of Art and Architecture: The course for you?

History of Art and Architecture will appeal to those interested in museums, galleries, architectural heritage, and visual culture. It provides students with essential knowledge and skills for documenting and analysing works of art and architecture. It hones an ability to describe and critically analyse images, builds a rich visual memory, and develops skills in research and its presentation. Students do not need any previous knowledge of art history or any practical skill in art to take this course.

History of Art and Architecture at Trinity

Trinity boasts a wide range of expertise in art and architecture from the medieval to contemporary periods. Direct experience of objects, artworks, and buildings is fundamental to the discipline and Dublin's impressive collections of paintings and sculpture, together with its rich architectural

heritage provide an ideal basis for study. The proximity of the University to the city's many museums and galleries renders site visits a central and distinctive feature of the undergraduate programme, and particular emphasis is placed on student engagement with the national collections. The Douglas Hyde Gallery, one of Ireland's leading contemporary art galleries, is situated at Trinity. The Trinity campus is famous for having some of Ireland's most outstanding buildings, from the eighteenth century up to the present. The University also has a major collection of manuscripts, paintings and sculpture, and a student committee assists the curator in managing this collection.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

Graduate skills and career opportunities

In recent years graduates have been employed as lecturers, curators, editors, and writers in universities, galleries, museums, publishing houses and art salesrooms in Ireland and abroad. These include the Victoria and Albert Museum, the Dulwich Picture Gallery, the Universities of Princeton, Oxford, Cambridge, and Saint Andrews, the National Gallery of Ireland, the Irish Museum of Modern Art, the Irish Architectural Archive, and University College Dublin. Graduates have also

worked in a broad range of administrative, commercial, and media-based employment and have commented on the usefulness of visual literacy in the fields of marketing, public relations, and journalism.

Your degree and what you'll study

This course teaches you how to analyse works of art and architecture and how to understand and explain their historical significance. You will take a broad range of modules covering the history of painting, sculpture, and architecture from antiquity to modern times. Topics available include early medieval art and architecture, Islamic and Japanese art, the art of the Italian Renaissance, the art of nineteenth-century France, the architecture of the Spanish Empire, and the artistic and architectural achievements of the twentieth and twenty-first centuries.

First and second years

In first year, students take modules that provide an introduction to various aspects of art and architecture, and to the practice of art history. These examine the critical analysis of artworks and structures in various mediums, the importance of iconography, and the different technical methods used by artists and architects from ancient Greece to the present day. In the first year the concentration is principally on Western art; in second year students deepen their theoretical understanding, with modules on the methodologies of art history and the display of art.

In first year, Single Honours students also take modules exploring individual works of art, and look at how past scholarship and interpretation of art and architecture impacts on our understanding and approaches to art and architecture today. This is further developed in the second year, when students may also participate in a work placements and study trips for credit and take more focused modules in areas such as cultural intersections in art history, the Arts of Japan and Irish art.

Third and fourth years

In third and fourth year, students have the opportunity to specialise in areas that are of particular interest to them. In third year they can choose from a range of options that may include:

- Islamic art and Architecture in the Medieval Mediterranean
- Painting and Sculpture in the Italian Renaissance
- Building Modernity in Paper and Stone
- The Age of Rembrandt and Vermeer
- Global post-modern and contemporary art

These courses comprise a mixture of lectures and small group seminars.

In their final year, students select up to two topics dealing with the art-historical issues at a more specialised level. Where possible, these include the opportunity to study primary sources and particular emphasis is placed on personal observation and interpretation of original works of art and architecture.

Examples of special subject topics include: Art and Architecture in Late Medieval Ireland, Craft in Architecture, Early Modern Portraiture, Gender, Art and Identity, Art in France 1850-1900, and Art, Design and Nature 1930s to the present.

Assessment is by coursework, examinations and a Capstone research project.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

History of Art and Architecture is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96.

Study abroad

Students studying History of Art and Architecture may apply to spend a year abroad, using the exchange networks of the School of Histories and Humanities. These include Erasmus programme links with universities in Berlin, Istanbul, Madrid, Paris and Pisa. In addition, the programme facilitates exchanges with non-European institutions in Australia, Canada, China, Singapore and the USA. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Other courses you might enjoy

TR028: Ancient and Medieval History and Culture, page 68

GET IN TOUCH!

arthist@tcd.ie



Irish

(Early Irish and Modern Irish)

Gaeilge

(Luath- agus Nua-Ghaeilge)

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR022	387	15	4 years
Joint Honours (see below)	377-613	10	4 years



TR043 Early and Modern Irish is studied as a Single Honours subject AND Modern Irish is studied as a Joint Honours subject with one of the following options:

- TR114 Ancient History and Archaeology
- TR177 Classical Civilisation
- TR208 Economics
- TR277 English Studies
- TR323 Drama Studies
- TR324 Film
- TR455 History of Art and Architecture
- TR447 History
- TR563 Middle Eastern, Jewish and Islamic Civilisations
- TR588 Linguistics
- TR597 Mathematics
- TR636 Music
- TR756 Sociology
- TR669/TR670/TR671 Modern Language*
(French, German, Italian, Russian)

* See pages 82 and 84 for language options and requirements

Early Irish at Trinity

- You will study the language of Ireland from the emergence of writing on Ogham stones at the dawn of the Christian era down to the great saga manuscripts of the twelfth century.
- You will explore the rich culture and literature of Medieval Ireland and learn to read and translate texts from medieval manuscripts independently.

Why study Early Irish?

- Early Irish holds the key to understanding how the Irish language has developed over the centuries and boasts some of the most beautiful literature Ireland has ever produced.
- A degree in Early Irish provides a rigorous training in linguistic and textual analysis that can provide an edge in many walks of life.
- Trinity has a long tradition of scholarship in Early Irish. Our lecturers are experts in their field and small class sizes ensure you get the best grounding possible in this fascinating subject.

Graduate skills and career opportunities

Some students of Early Irish pursue independent research in the subject with a view to teaching at third level. Many follow a career in teaching or journalism, especially in Irish-language related media. Library archiving, the public service, marketing, business, interpreting and translation all figure in the profiles of past students.

Your degree and what you'll study

Pathways

Early Irish may be studied as part of Single Honours, Major with Minor and Joint Honours. There is also the possibility of taking up this subject as a New Minor Subject from second year (please see page 29 for further information). All modules are taught through the medium of English.

First and second years

You will acquire a solid grounding in the complex language of Old Irish (600-900). You will begin reading literature in translation and be gradually introduced to texts like the Táin (Ireland's national epic) in the original.

Third and fourth years

In third and fourth year your horizons will expand: you will explore the history of the language from its Celtic origins down to the dawn of Modern Irish. At this stage you will be reading prose and poetry as well as Brehon law texts in the original language, and you will learn how to read manuscripts, including some held in Trinity's Old Library.

You will be assessed by a combination of continuous assessment and exams. We use a mix of traditional and

innovative continuous assessment methods. Language modules are assessed by written examinations.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study Abroad

Early Irish is an international subject. Students taking Early Irish as part of our Single Honours programme may choose to spend part of their third year abroad. We have partnerships with universities in Aberystwyth (Wales), Marburg (Germany) and Utrecht (Netherlands). For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Other courses you might enjoy

- TR024: European Studies, page 56
- TR039: Computer Science, Linguistics and a Language, page 134

Special entry requirements

Leaving Certificate	H4	Irish
Advanced GCE (A Level)	Grade C	Irish
International Baccalaureate	SL/HL Grade H5	Irish

An Nua-Ghaeilge

Sracfhéachaint ar an Nua-Ghaeilge Trinity

- Déanfaidh tú staidéar ar an nGaeilge ón mbliain 1200 go dtí an lá atá inniu ann.
- Bainfidh tú ardchumas amach sa Ghaeilge (idir labhartha agus scríofa).
- Foghlaimoidh tú Gaeilge na hAlban (A' Ghàidhlig).

Cén fáth a dhéanfa staidéar ar an Nua-Ghaeilge?

- Tá ról lárnach ag an nGaeilge i saol na hÉireann agus is teanga oifigiúil í de chuid an Aontais Eorpaigh. Sa chúrsa seo cabhróimid leat barr feabhais a chur ar do chuid Gaeilge agus scileanna cumadóireachta agus aistriúcháin a chothú.
- Foghlaimoidh tú faoi gach gné den Nua-Ghaeilge: ón bhFiannaíocht sa 13ú haois anuas go dtí teanga agus litríocht an lae inniu.
- Is roinn bheag chairdiúil í Roinn na Gaeilge agus is cuid de phobal briomhar Gaelach sa Choláiste sinn. Déanann na léachtóirí a ndícheall cabhrú le gach mac léinn, cuma cén leibhéal líofachta atá acu ag teacht go dtí an Coláiste.

Staidéar thar sáile

Cé nach féidir staidéar a dhéanamh ar an nGaeilge thar sáile mar chuid de bhunchéim sa Nua-Ghaeilge, is féidir le mic léinn le Gaeilge, agus le Gaeilge agus ábhar eile, leathbhliain a chaitheamh in ollscoil thar lear sa tríú bliain.

Fostaíocht

Tá réimse an-leathan gairmeacha ag daoine a rinne Nua-Ghaeilge anseo. Ina measc tá múinteoirí, iriseoirí (sna meáin Ghaeilge go háirithe) agus daoine le postanna eile sna meáin: teilifís, ceol, beochan, raidió agus an t-idirlíon. Tá a lán ateangairí agus aistritheoirí, in Éirinn agus san Eoraip, agus léachtóirí ollscoile agus leabharlannaithe ag ainm chomh maith. Tá iarmhac léinn eile ag obair sa tseirbhís phoiblí, le gnó agus le margaíocht.

Cad a bheidh á fhoghlaim agat?

Conairí

Is féidir an Nua-Ghaeilge a dhéanamh mar chuid de chúrsa aononórach (*single honours*) i dteannta na Luath-Ghaeilge nó mar chuid de chomhchéim onórach (*Trinity Joint Honours*), Léann na hEorpa (*European Studies*) nó Eolaíocht Riomhaireachta agus Teanga (*Computer Science and a Language*).

An chéad bhliain agus an dara bliain

Diríonn an cúrsa ar na hábhair seo a leanas: scileanna i labhairt agus scríobh na teanga, an cheapadóireacht, an t-aistriúchán, an Ghaeilge san Eoraip, an Ghaeilge Chlasaiceach, an nualitricht, Gaeilge na hAlban.

An tríú bliain agus an ceathrú bliain

Diríonn an cúrsa ar na hábhair seo a leanas: ardscoilteanna teanga (labhartha agus scríofa), an cheapadóireacht agus an t-aistriúchán ag leibhéal níos airde, agus Gaeilge na hAlban. Foghlaimoidh tú conas lámhscríbhinní a léamh agus léirmheastóireacht chriticiúil a dhéanamh ar scéalaíocht na seanré. Ina theannta sin, déanfaidh tú rogha cúrsaí sa Nua-Ghaeilge Mhoch, sa litríocht bhéil, i nualitricht na Gaeilge agus/nó i nualitricht Ghaeilge na hAlban.

Measúnú

Déanann gach mac léinn cleachtaí scríofa mar chuid den mheasúnú leanúnach; bíonn aistí le scríobh go tráthrialta, agus béaltriall agus scrúduithe scríofa ag deireadh an téarma. Sa cheathrú bliain, déanann mic léinn taighde neamhspleách agus scríobhann siad miontráchtas.

WHAT OUR GRADUATES SAY

Oisín Ó Muirthile

Do mholfaínn an chéim seo go mór d'éinne a bhfuil suim acu sa Ghaeilge i gcoitinne – mar atá sí sa lá atá inniu ann agus mar a bhí fadó – go háirithe dóibh siúd atá fiosrach faoin áit as a dtáinig sí i gcomhthéacs na hEorpa. Tá Roinn na Gaeilge ar cheann de na ranna is cabhraí agus is spreagúla dá bhfuil ann, a chothaíonn comhfhoghlaim agus cairdeas i measc a mac léinn go léir, agus is mór an pléisiúr dom go rabhas in ann a bheith i mo chuid dá pobal le linn mo chúrsa fochéime anseo i gColáiste na Tríonóide.

GET IN TOUCH!

www.tcd.ie/irish

nibhraoc@tcd.ie

Déan teagmháil linn! Cuireann Roinn na Gaeilge fáilte roimh aon mhac léinn ar mhaith leo freastal ar roinnt léachtaí le blaiseadh a fháil ar chúrsa sa Luath- agus Nua-Ghaeilge i gColáiste na Tríonóide.



Italian

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	377-613	8	4 years



Italian is studied as a Joint Honours subject with one of the following options:

- TR177 Classical Civilisation
- TR239 Classical Languages
- TR323 Drama Studies
- TR324 Film
- TR326 Geography
- TR447 History
- TR455 History of Art and Architecture
- TR563 Middle Eastern, Jewish and Islamic Civilisations
- TR597 Mathematics
- TR639 Philosophy
- TR666 Religion
- TR756 Sociology
- TR757 Social Policy
- TR667/TR668/TR670 Modern Language*
(French, German, Irish, Russian, Spanish)

* See pages 82 and 82 for language options and requirements

Why study Italian?

- Studying Italian opens the door to a beautiful new world. Italy holds up to 75% of the world's art treasures, has been home to some of the world's greatest writers and thinkers (including Petrarch, Dante, Boccaccio, Machiavelli, Leonardo da Vinci, Galileo, Leopardi, Gramsci, and Montessori), boasts fabulous food, fashion and design.
- Italy has a dynamic economy: fourth in the Eurozone and eighth (by nominal GDP) in the world.
- Having fluent Italian is extremely beneficial for the job market; as Italian is less commonly spoken, you will stand out.
- You do not need to have studied Italian before; most students of Italian start as beginners.
- You may also learn Italian at Trinity by opting for one of the multidisciplinary, non-literary degree programmes: European Studies (with Italian and another language) or Middle Eastern and European Languages and Cultures (with Italian).

Italian at Trinity

- You will study Italian language from beginners to advanced level in a small group setting, taught by experienced native speakers.
- You will explore and engage with cultural, literary, social and political diversity of Italy.
- You will have a life-changing opportunity to study abroad.
- You will develop linguistic abilities, intercultural competencies and critical thinking skills for a competitive advantage in the job market.

In-depth study of languages has never been more relevant. As Artificial Intelligence (AI) makes it easier for companies and organisations to establish contact with foreign partners, further advancing globalisation, there is an increased need for high-level multilingual staff who can manage international teams, take legal responsibility for translations, and conduct multicultural negotiations. Ever advancing AI may indeed replace a basic command of a foreign language but highly fluent critical thinkers are, and will remain, in ever higher demand.

DO YOU ENJOY...

Becoming a global citizen with the skills to face the job market with confidence?

Learning languages in small, friendly classes?

Being immersed in rich Italian culture and way of life?

Special entry requirements

Leaving Certificate	H4	In Italian or, for beginners, in a language other than English
Advanced GCE (A Level)	Grade C	In Italian or, for beginners, in a language other than English

WHAT OUR GRADUATES SAY

Peter Sherrard

Italian is a huge asset and helped to open many doors early in my career. Being a niche skill, it gives rise to all sorts of experiences which would not normally be available to most arts graduates. With self-belief, luck and desire to learn quickly, Italian graduates can soon find themselves managing complex business situations and given responsibilities far greater than offered to their peers. In my own case, I was made Ryanair Country Manager for Italy at the age of 26. I would never have had this opportunity so early on, were it not for my knowledge of Italian gained at Trinity.

Graduate skills and career opportunities

Independent thinking and critical analysis skills, advanced linguistic abilities, intercultural communication competencies, and advanced research and presentation skills are just a few of core competencies which a degree in Italian will help you develop and expand.

Our graduates develop successful global careers in management, law, journalism, charities, international business, translation, the arts, fashion, tourism, PR, diplomacy, finance, football management, teaching, and banking. Many of our graduates now live and work in the likes of Italy, France, Belgium, UK, USA and Hong Kong. Some graduates also go on to take postgraduate courses in areas such as law, marketing and business for which a degree in arts and humanities provides an ideal background.

Our recent graduates in Italian secured careers in organisations like Irish Times, Accenture, Eversheds, British Institute in Florence, Manolo Blahnik, Christian Louboutin, Tourism Ireland, department of Justice and Irish Distillers.

WHAT OUR CURRENT STUDENTS SAY

Ailbhe Cullen

The teaching has allowed me to learn the language quicker than I could have expected. The classes are enjoyable, as our lecturers are very friendly. Small class teaching allows you to interact with the language easily and stops it from being intimidating.

Your degree and what you'll study

Pathways

At entry, Italian must be combined with one other subject. In later years, you will be able to select additional subjects and electives. You can study Italian from beginners level or continue advanced studies. The pathways available for study are Single Honours, Major with Minor and Joint Honours in Italian. Please see page 29 for further information.

First and second years

- You follow an intensive course of Italian language - including grammar classes, conversation and listening practice, and learning how to write in Italian and produce basic translations.
- You will explore Italy's history, society, and literature and cinema.
- In second year, you continue language classes and explore Italy's rich literary tradition.

Third and fourth years

- You will combine advanced language study and a wide range of module choices, allowing you to choose options that reflect your own interests.
- Options range from novels, poetry, theatre, cinema, art, as well as Italian history and contemporary politics. You can study Italy from medieval times (Dante Boccaccio, Petrarch and Machiavelli) to the 21st century, pick options on advance Italian language varieties, cultural studies, and key literary texts and films.
- In your final year you will research and write a Capstone project on a subject of your choice in consultation with a supervisor.

At all levels, you will be assessed by a combination of continuous assessment and exams. We use a mix of traditional and innovative continuous assessment methods – essays, project work, online grammar tests, presentations, book reviews and dossiers,

podcast creation. Language modules are usually assessed by written, oral and aural examinations.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Immersing yourself in the language and culture of a country of your choice is one of the most valuable ways of achieving fluency and getting to know about the people, politics, and history of a place when studying a language. A year or semester studying abroad will be one of the highlights of your experience as Trinity languages student.

For students of Italian, we have exchange agreements with universities in Bologna, Trieste, Pavia, and Rome.

Single Honours students spend an exciting third year of study abroad (compulsory), Joint Honours students can choose to spend a year or a semester in their third year in one of our partner universities. At a minimum, you will be required to spend two months in Italy during the course of your studies. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Other courses you might enjoy

TR024: European Studies, page 56

TR040: Middle Eastern and European Languages and Cultures, page 78

GET IN TOUCH!

www.tcd.ie/italian
E undergraduate.slcs@tcd.ie

WHAT OUR CURRENT STUDENTS SAY

Lily Lee

I decided to study Italian because of my curiosity for the language and culture. Four years on, I am pleased to say that it was one of the best decisions I have made to date. I found the Italian Department to be consistently encouraging with regard to our studies, and their passion and enthusiasm for their subject was inspiring. I would highly recommend this course to anyone who would like to discover more about this fascinating country, its people and their language.

Middle Eastern and European Languages and Cultures

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR040	495	18	4 years



What is Middle Eastern and European Languages and Cultures?

In this programme students will study the history, politics, cultures and religions of Europe, the Middle East and North Africa. They will explore the societies of the Middle East and North Africa and their relationships with Europe and gain in-depth knowledge of current debates

Students also study two languages and the cultures and societies of those countries. They can choose on from: Arabic; Hebrew; Turkish; and one from; French; Spanish; German; Italian; Russian; Polish. With the exception of French, any of these can be studied at beginner's level.

Middle Eastern and European Languages and Cultures: The course for you?

If you are interested in current debates about global issues and international relations, this course is for you. You can explore the connections between regions and peoples, religions and politics, societies and cultures, literature and history and look beyond the narrow focus of Europe. There is a great demand for graduates with a deep understanding of the complex historical relationships between Europe and its neighbours. Unique to this course is the study of the cultural interconnections that shape modern strategic and political interactions. The course is designed in a way that allows you to explore periods and places of interest from the ancient world through to the present day.

Moreover, you will study two languages, one Middle Eastern and one European, and you will spend the third year abroad. Living and studying overseas provides skills and experience preparing you to work in a global context.

Graduate skills and career opportunities

The in-depth study of languages and intercultural competencies has never been more relevant. As Artificial Intelligence (AI) makes it easier for companies and organisations to establish contact with foreign partners, further advancing globalisation, there is an increased need for high-level multilingual staff who can manage international teams, take legal responsibility for translations, and conduct multicultural negotiations. Ever advancing AI may indeed replace a basic command of a foreign language but fluent critical thinkers are, and will remain, in ever higher demand. The two languages you obtain from this course are likely to prove popular with a range of employers.

This programme prepares you for a career that demand a deeper understanding of regional cultures and politics. Now that many multinational companies are choosing Ireland as base for Europe, the Middle East and North Africa, you could work in multinationals, global tech, and NGOs.

Our graduates secure successful careers in international relations, journalism, and diplomacy and are well placed to continue to further study in international relations, languages, history, cultural studies or international business and marketing.

Your degree and what you'll study

Each year students take a variety of classes that include language, history and culture. You can tailor your classes to develop your knowledge and skills in the areas that most interest you.

Special entry requirements

Leaving Certificate	H4	In a language other than English or Irish
Advanced GCE (A Level)	Grade C	In a language other than English or Irish
International Baccalaureate	HL Grade 5	In a language other than English or Irish
Where a student is presenting two languages they must attain at least the following grades:		
Leaving Certificate	H3	If presenting French or German
	H4	If presenting in other languages (excluding the above)
Advanced GCSE (A Level)	Grade C	In two other languages (excluding English and Irish)

WHAT OUR GRADUATES SAY

Maeve Lane

Studying this degree gave me both practical skills in languages as well as invaluable critical thinking skills and cultural perspectives. The year abroad was an unforgettable experience, truly enabling me to become immersed in the local language and gain a first-hand perspective on societies so different to Irish society. The modules I took during my degree enabled me to discover my passion for issues of inequality and development, and I am currently pursuing a career in a global anti-corruption charity.

First year

In your first year, you take classes in:

- Your European language and the history and culture relating to your European language.
- The history and formation of Europe and the history of the Middle East and North Africa, including politics and religion.
- The relationship between the Middle East, North Africa and Europe, and Jewish and Islamic civilisations.

of a supervisor. Optional modules allow you to specialise in a wide range of subjects, such as: Middle Eastern and North African history, religion and society; the Jewish and Islamic worlds; ancient literature and cultures; and the culture and history accompanying your European language.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Second year

Students continue their European language, and also start a Middle Eastern language. Additionally, you take a range of modules in history, culture and politics. Through these, students can also continue to study the ancient world and deepen their understanding of Jewish and Islamic civilisations.

Third and fourth years

The third year is spent abroad.

In the fourth year you can continue both your languages, or only one of them. You also write a dissertation (Capstone project), an original piece of research written under the guidance

Middle Eastern and European Languages and Cultures is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96.

Study abroad

Immersing yourself in the language and culture of another people is not only an enormously fun and formative experience, it is also one of the most valuable ways of achieving fluency and getting to know about the local people, politics, history and culture. The year abroad is likely to prove one of the highlights of your degree.

GET IN TOUCH!

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Middle Eastern, Jewish and Islamic Civilisations

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	419-600	15	4 years



Middle Eastern, Jewish and Islamic Civilisations is studied as a Joint Honours subject with one of the following options:

- TR233 Classical Languages
- TR546 English Studies
- TR547 Ancient History and Archaeology
- TR548 Classical Civilisation
- TR554 History
- TR563 Modern Language*
(French, Italian, Irish, Spanish)
- TR564 Music
- TR565 Religion
- TR566 Drama Studies
- TR587 Linguistics
- TR592 Sociology

* See page 84 for language options and requirements

Why study Middle Eastern, Jewish and Islamic Civilisations?

Through the lens of the Middle East and North Africa, Middle Eastern, Jewish and Islamic Civilisations introduces you to a broad range of subjects at university level. If you are interested in literature, religion, ancient and modern history, philosophy, and in the Middle East and North Africa's relationship with the Western world, this is the course for you. You will be able to explore how societies develop their values and perspectives in deep historical time, beginning with the cultures of the Sumerians, Babylonians, Persians and ancient Israelites, and extending to the political conditions of the contemporary world.

Middle Eastern, Jewish and Islamic Civilisations at Trinity

- Learn about the history and culture of major trading partners.
- Study societies from antiquity to modernity.
- Understand the challenges of diversity and multiculturalism.
- Optionally learn a Middle Eastern language.
- Optionally study abroad.

The cultures and societies of the Middle East and North Africa have been deeply influential in shaping European and Western values. Middle Eastern, Jewish and Islamic Civilisations offers you the opportunity to study the historical origins as well as contemporary culture of a wide range of societies of the region, providing you with an insight into the contemporary Middle East and to the challenges of diversity and multiculturalism in an increasingly globalised world.

Graduate skills and career opportunities

As well as the specific knowledge you acquire about the Middle East, North Africa, and Jewish and Islamic history and culture, you also acquire skills highly valued by employers, such as critical and independent thinking, clear writing, evidence-based argument, research, presenting effectively, and problem solving. You will also acquire valuable knowledge in international affairs.

Middle Eastern, Jewish and Islamic Civilisations provides the ideal foundation for those aspiring to careers in public services, foreign affairs, diplomacy, journalism and education. Many of our graduates can be found in these and in other professions.

Your degree and what you'll study

At entry, Middle Eastern, Jewish and Islamic Civilisations must be combined with one other subject. In later years, you will be able to select additional subjects and electives.

The Department of Near and Middle Eastern Studies' dedication to small-group teaching makes the student experience particularly rewarding. Amongst our students, we foster independent and creative thinking and, to facilitate this, lecturers are always ready to meet individual students to discuss academic issues.

Pathways

The pathways available are Single Honours, Major with Minor, and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

First and second years

In first year, you are introduced to the history of the region as well as to the history of Jews and Muslims in the context of the Middle East and North Africa, Europe and the US. We offer introductory courses in the Modern Middle East, to Jewish and Islamic cultures, and Ancient Near Eastern history and culture.

Topics in the first two years include:

- Politics of the contemporary Middle East and North Africa.
- The Middle East during the two World Wars.
- Jews in European Society.
- Islam in Europe.
- Ancient Middle Eastern and Mediterranean Empires.
- European relations with the Middle East and North Africa.

You explore them through academic literature and many primary sources, including literature, film, ancient inscriptions, blogs, government records, archaeological evidence.

From second year, you can optionally commence study of a language: Arabic, Turkish, Ancient or Modern Hebrew, Middle Egyptian Hieroglyphs or Sumerian. You can also select all non-language modules, including Trinity Electives. In your core course, you will study diverse cultures in the ancient, medieval and modern worlds through political, religious and literary texts, material culture, music, blogs and film. Topics include

- The ancient empires of Mesopotamia, Egypt and Persia.
- Contemporary Islamic Movements.
- Human Rights in the Middle East.
- The History of Jews and Muslims in Europe from the Medieval to the Modern Period.
- Turkish Cultural History.
- The History of the Ottoman Empire.

Third and fourth years

In third year, you may choose to study for a semester abroad (this is not compulsory). You can continue with your Middle Eastern Language (if you have decided to study a language) or choose from a broad range of options offered by the department of Near and Middle Eastern Studies, open modules and Trinity Electives.

In your final year, you can continue your language, if you are doing one, and choose from a wide range of modules to suit your interests. Options in recent years have included:

- The Modern Middle East and European Powers
- The Decline of the Ottoman Empire
- The Middle East and America.
- The Jews of Egypt and their Encounter with Greek Culture.
- The Persian Empire.
- Islam and Gender.
- Holocaust Representation in Film and Literature.
- Advanced language.
- Reading Gilgamesh.

You also write a dissertation, which is an independent research project carried out under the guidance of a supervisor.

At all levels, you will be assessed by a combination of continuous assessment and exams. We use a mix of traditional and innovative continuous assessment methods – essays, project work, presentations, book reviews and dossiers and podcast creation. Language modules are traditionally assessed by written and oral assessments and examinations. Final year students also write a Capstone project.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Immersing yourself in the culture of another people, and spending time in another University system, is not only an enormously fun and formative experience, it is also one of the most valuable ways of achieving fluency and getting to know about the local people, politics, history and culture. Study abroad is likely to prove one of the highlights of your degree.

Depending on the pathway you choose, you can optionally spend one or both semesters of your third year at one of our partner institutions, which include Boğaziçi University, Charles University (Prague), LMU Munich, Sciences Po (Menton) and Université catholique de Louvain. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

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If you are considering studying for a degree in Middle Eastern, Jewish and Islamic Civilisations at Trinity but want to be sure, you are most welcome to attend first and second year lectures. If you would like to avail of this opportunity, please contact us by email to arrange a visit.

WHAT OUR GRADUATES SAY

Thalia Nielsen

Middle Eastern, Jewish and Islamic Civilisations offers such a broad spectrum of topics. I loved the fact that I could tailor my degree to my own interests. Though my interest is mainly in the Arab world, modules in Jewish history were fascinating. As a small department, it is easy to get to know everyone – lecturers and classmates – which had a highly positive impact on my overall experience of university life. After graduating, I went on to do a Masters degree in Museum Studies.

Modern Languages

B.A. Honours Bachelor Degree (NFQ Level 8)



Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	377-613	205*	4 years

* Places for Modern Languages and Modern Language plus another subject. Also see page 84.

Language	Modern Language					
	French	German	Irish	Italian	Russian	Spanish
French		TR667	TR669	TR667	TR671	TR672
German	TR667		TR669	TR668		TR668
Irish	TR669	TR669		TR670	TR671	
Italian	TR667	TR668	TR670		TR670	TR670
Russian	TR671		TR671	TR670		TR672
Spanish	TR672	TR668		TR670	TR672	

1. The table above shows all possible Language and Modern Language combinations.

2. The Modern Language options will appear in a drop-down menu on the CAO Application. For example, if you are applying for French and German, select CAO Code TR667 French + Modern Language and pick German from the drop-down list. Or, if you are applying for French and Spanish, please select CAO Code TR672 Spanish and Modern Language and pick French from the drop-down list.

3. French and Irish are not available at beginner's level.

4. German, Italian, Russian and Spanish may be taken either at Leaving Certificate Level (or equivalent) or at beginner's level.

5. A student may not study two languages at beginner's level.

When applying for two languages, in first year both are weighted equally. For example, if you choose French (TR667) then French and Italian will be studied equally on entry to that programme. The same is also true for other combinations. From second year, you can continue to study both languages at equal weight (via Joint Honours), or choose one as major and one as minor, or (switching to Single Honours) continue only with one.

Why study Modern Languages?

- In-depth study of languages has never been more relevant. As Artificial Intelligence (AI) makes it easier for companies and organisations to establish contact with foreign partners, further advancing globalisation, there is an increased need for high-level multilingual staff who can manage international teams, take legal responsibility for translations, and conduct multicultural negotiations. Ever advancing AI may replace a basic command of a foreign language, but fluent critical thinkers are, and will remain, in ever higher demand.
- Being bilingual or multilingual in today's global economy gives you a distinct advantage for career opportunities. Studying two languages at Trinity will enable you to develop your skills to a level where you can communicate confidently and competently on virtually any subject and in every situation.
- Throughout your studies you will explore the people, cultures and societies of the languages you study. You will also study of the literature, history and politics of the language and gain competencies in understanding and successfully navigating cultural differences.

DO YOU ENJOY...

Getting to know and understand other places, people and cultures?

Learning languages to a level where you are competent, confident and fluent?

Engaging with the cultural, linguistic, social and political diversity in the world and acting as a mediator between cultures?

Special entry requirements

Leaving Certificate	H4	In selected language or, for beginners, in a language other than English
Advanced GCE (A Level)	Grade C	In selected language or, for beginners, in a language other than English

NB: It is not permitted to combine two languages from beginner level.

Modern Languages at Trinity

Trinity's School of Languages, Literatures and Cultural Studies is a leading language school in Ireland, and consistently ranked among the top 100 languages schools in the world.

- You will study up to two modern European Languages. Most are available from beginner to advanced levels.
- Teaching is through a combination of lectures and small group classes.
- You will explore and engage with cultural, literary, social and political diversity of Europe and the world.
- You will have a life-changing opportunity to study abroad.

Graduate skills and career opportunities

Advanced foreign language skills and intercultural communication competencies constitute one of the biggest skills gaps in the Irish labour market and language graduates are very sought after in a wide variety of careers. Tech firms, financial companies and banks, consultancy firms, and others are seeking independent thinking and critical analysis skills, advanced linguistic abilities, intercultural competencies, and advanced research and presentation skills our graduates acquire.

Our graduates have successful track record securing exciting careers in diverse fields such as fintech, diplomacy and tourism, cultural and creative industries, translation and interpreting, journalism and the media, publishing, marketing and finance, as well as second and third-level teaching or the civil service in Ireland and in the EU. Many go on to take postgraduate courses in areas such as business or law for which a languages degree is an excellent background.

Our recent graduates are working in Google, Christian Louboutin, Bord Bia, Enterprise Ireland, Central Bank of Ireland, Deutsche Bank, Embassies of Ireland, European Commission, the Museum of Modern Art in New York, Arthur Cox and Morgan Stanley.

WHAT OUR GRADUATES SAY

Gavin Radford

Graduate of French and Spanish

Studying another language, and its literature and culture, not only leads to fluency in the language, it also opens your mind to different ways of working, and improves your overall communication skills. From my own perspective, I make practical use of my degree in French and Spanish from Trinity every day. After my degree I worked abroad for a couple of years, and I am headed to Paris in the summer to take up a post at the Irish Embassy.

Your degree and what you'll study

In each of the languages you have typically 8-12 contact hours per week, which roughly divide equally between language learning and studying the culture, literature, history and society of your languages. If you start a language as a beginner, the emphasis on language-learning is higher in the first year of study.

From year to year, you can increasingly choose which areas to focus on and specialise in. After first year, you select your pathways: Single Honours, Major with Minor, and Joint Honours, please see page 29 for further information.

In fourth year, you complete a Capstone (Dissertation), which is an independent research project carried out under the guidance of a supervisor. For further details see the entries under the specific languages in this prospectus.

Study abroad

Immersing yourself in the language and culture of another people is not only an enormously fun and formative experience, it is also one of the most valuable ways of achieving fluency and getting to know about the local people, politics, history and culture. The year abroad is likely to prove one of the highlights of your degree.

Single Honours students spend an exciting third year of study abroad (compulsory, expect for those studying Irish), while Joint Honours students can choose to spend a year or a semester in their third year in one of our partner universities. For students combining

the study of two modern languages we endeavour to facilitate a semester abroad in either one or both countries of language you study. At a minimum, you will be required to spend two months in each of the countries the language of which you are studying.

We have exchange agreements with Universities from Paris and Bordeaux to Vienna and Seville, from Florence and Milan to Hamburg and Tallinn. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Other courses you might enjoy



If you want to combine the study of a Modern Language with another subject, please see page 84

TR024: European Studies, page 56

TR040: Middle Eastern and European Languages and Cultures, page 78

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Modern Language plus another subject

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	399-519	205**	4 years

** Places for Modern Languages and Modern Language plus another subject.
Also see page 82.



Career opportunities

In depth study of languages has never been more relevant.

- › Language and intercultural competence are some of the biggest skills gaps in the Irish labour market.
- › Our graduates' advanced language and intercultural skills are sought by multinational giants for their Dublin headquarters.
- › There is currently an acute shortage of language specialists in the Irish secondary school system.

As Artificial Intelligence (AI) makes it easier for companies and organisations to establish contact with foreign partners, further advancing globalisation, there is an increased need for high-level multilingual staff who can manage international teams, take legal responsibility for translations, and conduct multicultural negotiations. Ever advancing AI may indeed replace a basic command of a foreign language, but fluent critical thinkers are, and will remain, in ever higher demand.

DO YOU ENJOY...

Getting to know and understand other places, people and cultures?

Learning languages to the level where you are competent, confident and fluent?

Engaging with the cultural, linguistic, social and political diversity in the world and acting as a mediator between cultures?

Why Modern Language plus another subject?

A modern language plus another subject allows you to combine an interest in languages with an entirely different academic discipline, and gives you intensive training in both. You will be part of an active and progressive global community of international students based on an iconic Dublin city centre campus, but will also have a life-changing opportunity to study abroad.

Modern Language plus another subject at Trinity

- › Enables you to pursue the subject combinations you are most interested in, maximising your prospects of academic success.
- › Develop skill sets in different subjects, maximising your employment options.
- › In first year, you study two subjects equally. Subsequently, you can vary the weighting dedicated to each subject or concentrate on one subject alone.

Special entry requirements

Leaving Certificate	H4	In selected language or, for beginners, in a language other than English
Advanced GCE (A Level)	Grade C	In selected language or, for beginners, in a language other than English

For another subject: see individual subject pages.

WHAT OUR GRADUATES SAY

Amy Burgess

English Studies and French

The ability to combine two subjects enabled me to explore the multidisciplinary aspects of both subjects. I found that the skills and techniques acquired were often interchangeable. In my final year I was able to combine my two subject choices, English Literature and French, through my dissertation topic: Victor Hugo's *Les Misérables*.

Our graduates have successful track records in securing exciting careers in diverse fields such as fintech, diplomacy and tourism, cultural and creative industries, translation and interpreting, journalism and the media, publishing, marketing and finance, as well as second and third-level teaching or the civil service in Ireland and in the EU. Many go on to take postgraduate courses in areas such as business or law, for which a languages degree is an excellent background.

Our recent graduates are working in Google, Christian Louboutin, Bord Bia, Enterprise Ireland, Central Bank of Ireland, Deutsche Bank, Embassies of Ireland, European Commission, the Museum of Modern Art in New York, Arthur Cox and Morgan Stanley.

Your degree and what you'll study

Please see the entries for the specific subjects in this prospectus.

In each of your two subjects you will have typically 8-12 contact hours per week. All students complete a Capstone – an independent research project – in their final year.

The pathways available for combining the two subjects are Single Honours, Major with Minor, and Joint Honours. There may also be an opportunity to take a subject up as a New Minor Subject from second year, please see page 29 for further information.

Study abroad

Immersing yourself in the language and culture of another people is not only an enormously fun and formative experience, it is also one of the most valuable ways of achieving fluency and getting to know about the local people, politics, history and culture. The year abroad is likely to prove one of the highlights of your degree.

Single Honours students spend an exciting third year of study abroad (compulsory, except for those studying Irish), while Joint Honours students can choose to spend a year or a semester in their third year in one of our partner universities. At a minimum, you will be required to spend two months in each of the countries the language of which you are studying.

We have exchange agreements with Universities from Paris and Bordeaux to Vienna and Seville, from Florence and Milan to Hamburg and Tallinn. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad

Other courses you might enjoy

If you want to combine the study of two modern languages please see Modern Languages, page 82

TR018/TR019: Law and French/German, page 112

TR024: European Studies, page 56

TR039: Computer Science, Linguistics and a Language, page 134

TR040: Middle Eastern and European Languages and Cultures, page 78

TR085/086/087/089/090: Business Studies and a Language, page 106

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Music

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR002	338	25	4 years
Joint Honours (see below)	529-613	18	4 years



TR002 Music is studied as a Single Honours subject AND Music is studied as a Joint Honours subject with one of the following options:

- TR320 Film
- TR564 Middle Eastern, Jewish and Islamic Civilisations
- TR598 Mathematics
- TR629 Philosophy
- TR635 Drama Studies
- TR636 Modern Language* (French, German, Irish, Russian, Spanish)
- TR638 Religion

* See page 84 for language options and requirements

What is Music?

Music is a discipline that stretches back to the ancient world. One of the seven original liberal arts, music maintains a place in the university as a subject of broad and passionate interest to composers, musicologists, performers, technologists, and theorists.

Music: The course for you?

Studying music will allow you to engage with a range of traditions to acquire a profound understanding of how music works in theory and in creative practice. If you are interested in understanding music and its place in society, developing music technology skills, writing music, or improving your skills as an informed performer, this course could be for you. A music degree will prepare you for a wide range of careers in the creative arts, journalism, music production, arts management, research, and teaching.

Music at Trinity

Performing Arts at Trinity was ranked in the top 100 subjects worldwide in the QS Rankings 2022, reflecting the quality of our teaching and learning. Trinity's Music Department is Ireland's oldest and most internationally renowned venue for the study of music. With a distinguished team of academics and practitioners, the department attracts Irish and international students of the highest calibre. Alumni include Derek Bell, harpist in the Chieftains; Niall Doyle, Head of Music at the Arts Council; Deborah Kelleher, Director of the Royal Irish Academy of Music; Kerry Houston, Head of Academic Studies, TU Dublin Conservatoire; Donnacha Dennehy, composer and Professor of Music at Princeton University; Eleanor McEvoy, singer-songwriter; and Fergus Sheil, founding artistic director of Irish National Opera. A particular strength is the department's commitment to small-group teaching, with some subjects taught in groups of ten students or fewer.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

Graduate skills and career opportunities

The employment record for Trinity's graduates in Music is excellent. Recent alumni have established successful careers as composers, music producers (for television, radio, or recording companies), performers, conductors, administrators, teachers, and academics in institutions worldwide. Several recent graduates have been commissioned by organisations such as RTÉ. Trinity Music students have an outstanding record of obtaining scholarships for further study abroad as well as from the Arts Council of Ireland. Some have used the analytical and intellectual skills that a Music degree offers to build successful careers in medicine, law, financial investment, and public relations.

Your degree and what you'll study

The Single Honours and Joint Honours options provide a thorough grounding in the basic skills of musicianship and academic study.

Students receive extensive training in aural and keyboard skills, learn the history and theory of art music from the medieval period to the present day, and choose modules in jazz, rock, popular, vernacular, and world music. Taught performance modules (such as conducting) allow students to contextualise their practical skills. In the specialisations (composition, music technology, and musicology), students are closely supervised in their chosen area. Students may continue to take modules outside of their specialisation. All students complete a final year Capstone research project based on their specialism.



First year

Subjects include: Pop Music, Music Theory & Techniques, Film Music Fundamentals, Music Technology, Aural and Keyboard Skills, Critical Writing on Music, Creative Instrumentation.

Second year

Continuation of subjects from first year, and the beginning of the exploration of Composition, Musicology, or Music Technology. Single Honours students will also select a Trinity Elective or a New Minor Subject.

Third and fourth years

Concentrated study in chosen modules with possible electives from other specialisations. Students can present a recital and devise their own Capstone project with the help of supervisor.

Recent options have included: Advanced Theory Clinic, Counterpoint and Fugue for Three Voices, Advanced Harmony (Sonata Forms), Intersectionality and the Role of Women in Electronic music, Experimental Music Theatre & New Opera, Writing for voice(s), Conducting and Rehearsal Techniques, Philosophy of Music, Rock 'n' Roll, Opera and Gender, Audiovisual culture, Performance Research Lab, Sound Art, Fundamentals of Choral Conducting, Recital, Csound, Heavy Metal, An Introduction to Debussy's World and Music, History and Aesthetics of Recording, The Hollywood Musical from *The Jazz Singer* (1927) to *Sweet Charity* (1969), RTÉ National Symphony Orchestra at the National Concert Hall, Irish Traditional Music. Capstone projects take the form of, respectively, a portfolio of compositions, a major technology project, or a dissertation.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Music students can apply to study abroad in European universities with the Erasmus programme (e.g. Royal Holloway University of London) and non-EU universities (University of Toronto, Peking University) via university-wide exchanges. The Department of Music is in the process of forming a partnership with a leading university in Malaysia.

Music students who study abroad find the experience hugely enjoyable, academically and culturally rewarding, and of value to prospective employers. Further information on study abroad can be found at: www.tcd.ie/study/study-abroad/outbound

Other courses you might enjoy

TR009: Music Education, page 88

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WHAT OUR GRADUATES SAY Eileen Hogan

I am very glad that I chose Trinity for music studies. Since day one I have found the faculty inspiring, supportive, and willing to help. The course has allowed for many incredible opportunities that have aided my personal and musical development, including directing the music department's chamber choir, The Campanile Consort, and attending seminars in Oxford University. Most recently, I have been granted a scholarship from Indiana University which will allow me to continue my studies with an M.A. in Musicology in the US.



Music Education

B.Mus.Ed. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR009	452	12	4 years



What is Music Education?

The Bachelor in Music Education provides for the academic, artistic and professional requirements of those wishing to become music teachers at post-primary level (including Northern Ireland). Not all graduates choose to teach however. Some, on graduation, pursue further study at Masters and doctoral levels in performance, conducting, and composition and quite a few pursue postgraduate courses in the media and in the music business.

The degree is taught in partnership with the Technical University of Dublin Conservatoire of Music and Drama (TU Dublin Conservatoire) and, on alternate years, with the Royal Irish Academy of Music (RIAM). The degree is an integrated course of study designed to equip students with a high standard of performance in their principal instrument (including voice) and a competence in related musical skills, such as conducting, keyboard skills, performance in

choral, orchestral and chamber music groups. The course also provides for a solid grounding in harmony, counterpoint, composition, orchestration, analysis, history of music and Irish traditional music.

Music Education: Is this the course for you?

If you love sharing music, already have a competent standard of music performance, and wish to combine these qualities with a teaching career, then this course is ideally suited to you. Whether your interests are primarily academic or practical, your experience of this vast and rich discipline will be greatly advanced. As an academic study, music fosters independence of thought, creativity and critical and analytical skills. This course offers opportunities to perform music, to share music with others via teaching and performing, and to participate in a variety of music ensembles.

Music Education at Trinity

Trinity College Dublin is the only university in Ireland which offers the Bachelor in Music Education degree. Students study both music and education to honours degree level leading to a professional qualification in post-primary teaching which is accredited by the Teaching Council of Ireland. One of the strengths of the Music Education programme at Trinity is the commitment to individual and small group teaching. The facilities in the associated colleges include recital rooms, practice rooms with pianos, music studios, excellent listening equipment, and a substantial lending collection of print and audio resources.

The staff at TU Dublin and RIAM has a wide range of experience in vocal and instrumental music, composition, music technology and musicology. The staff at Trinity's School of Education has a wide range of expertise in all aspects of education including educational research, the psychology of education, philosophy of education, sociology of education, co-teaching and music pedagogy. Students also have access to the largest research library in Ireland.

DO YOU ENJOY...

Performing, composing and sharing music?

Learning how to communicate to inspire others with your musicianship?

Exploring how to influence the next generation of musicians?

Special entry requirements

This is a restricted entry course, therefore applications must be submitted to the CAO by 1 February 2024. All applicants are invited to take a TCD Bachelor in Music Education Entrance Test. Those who are shortlisted are invited to attend the next stage of the selection process where applicants are asked to perform two contrasting pieces on their main instrument to be played at the interview/audition.

WHAT OUR GRADUATES SAY

Dr Nicole Pierce

I graduated from the B.Mus.Ed. course in 2013 with a 2.1 honours degree. In 2015, my path took a different turn, and I was accepted into the Royal College of Surgeons in Ireland as a graduate student of Medicine. Whilst Medicine is certainly a very different discipline to Music Education, my training as a postprimary school teacher prepared me for life as a student doctor in ways I did not expect.

Graduate skills and career opportunities

Music Education is a professional degree accredited by the Teaching Council of Ireland. Graduates have excellent employment records. Most graduates choose post-primary teaching, many garnering reputations as inspirational music teachers, others choose instrumental teaching both privately and in conservatoires. Graduates also go on to work in areas such as professional development, instrumental and vocal performance, academia, agencies associated with the arts, and in fields such as music therapy and music technology. Many students take postgraduate courses majoring in areas such as music education, musicology, performance, and composition. Occasionally graduates pursue disciplines such as accountancy, law and medicine!

Recent graduates are working in primary, post-primary and third-level teaching posts in Ireland, in countries throughout Europe, the USA, UAE, China and Singapore as well as with international companies such as Google.

WHAT OUR GRADUATES SAY

Captain Thomas Kelly

After graduating from B.Mus.Ed. I studied at the Royal Northern College of Music, Manchester. I have now taken a position with the Defence Forces School of Music. This position holds the rank of Captain, and my tasks include administrative duties as well as conducting the Army No.1 Band when required. I am absolutely delighted with this position, and it is the ideal job for me. Getting to conduct a professional ensemble on a regular basis is a dream come true.

Your degree and what you'll study

A basic feature of the programme is personal development in music, supporting the ability to awaken the interest and enthusiasm of pupils. Students are encouraged to engage in ensemble work at a level appropriate to their ability. Opportunities to perform are provided, offering realistic individual goals for all, including the exceptionally gifted. Structured school placement in all aspects of classroom practice both at primary and post-primary levels is provided, as well as instrumental/vocal practice.

In addition to individual instrumental/vocal tuition, there are approximately fifteen hours of lectures per week, comprising music and education.

First year

Instrumental Performance; Musicianship; Compositional Techniques; Music History; Music Education, including Co-teaching; Curricular Development.

Second year

Instrumental Performance; Musicianship; Compositional Techniques; Music History; Music Education; Irish Educational History and Policy; School Placement.

Third year

Instrumental Performance; Musicianship; Compositional Techniques; Music Education; Research Methods; Philosophy of Education; School Placement; Sociology of Education.

Fourth year

Aural Perception; Compositional Techniques; Applied Psychology in Education; Introduction to Assessment and Examinations in Post Primary Education; School Placement; Inclusive Education; Digital Learning. Students also complete a Capstone project specialised in music education research, composition or performance.

WHAT OUR GRADUATES SAY

Lyndsey Callaghan





I loved the B.Mus.Ed. and I was proud to be on the course. I didn't fully understand how amazing the course is until now. It is so comprehensive and afforded me so many diverse experiences. I believe it is an all-encompassing music degree which produces musician-teachers, with both identities developed in tandem, something that I am only now beginning to fully appreciate. How amazingly lucky we all were to have been a part of this course.

Study abroad and internship opportunities

The B. Mus. Ed. has strong links abroad, including active participation in the Erasmus exchange programme with universities in Scotland, France and Hungary. It allows second year students the option of spending one semester studying abroad. As already mentioned, the School has an excellent record of students going on to study at postgraduate level, in Ireland and abroad, and of graduates obtaining employment in Europe, New Zealand, Middle East and North America. Further information on study abroad can be found at: www.tcd.ie/study/study-abroad/outbound

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Religion

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR041	357	14	4 years
Joint Honours (see below)	400-601	22	4 years



TR041 Religion is studied as a Single Honours subject AND Religion is studied as a Joint Honours subject with one of the following options:

- TR117** Ancient History and Archaeology
- TR454** History
- TR565** Middle Eastern, Jewish and Islamic Civilisations
- TR638** Music
- TR663** Classical Civilisation
- TR664** English Studies
- TR665** History of Art and Architecture
- TR666** Modern Language* (French, German, Italian, Russian)

* See page 84 for language options and requirements

DO YOU ENJOY...

Encountering the otherness of religions through their sacred writings, histories and traditions?

Entering into critical debate in the field of ethics?

Exploring the various ways in which truth claims are advanced, debated and embodied?

What is Religion?

Religion plays a significant role in diverse cultural, social and political contexts. Religious world-views, values and symbols play a critical role in shaping cultural norms, traditions and practices. This is the case both in religiously plural contexts, as well as those dominated by particular traditions. The contours of religion are evident not only in the artefacts that transmit a culture's heritage (such as architecture, visual arts, illuminated manuscripts, literature, etc.), but also in contemporary debates about the evolving identities of societies in a world characterised by religious pluralism.

Students on this course will be engaged with contemporary debates about, for example, the nature and impact of political religion, religion and modernity, religion and gender, religion and violence, religion and human rights, and ethics in politics.

Religion: The course for you?

This course offers you a broad-based study of Religion and Theology. Within the cultural study of religion, you have the opportunity to explore the monotheistic religions of Judaism, Christianity and Islam, the religions of Asia and Africa, as well as new atheistic and religious movements. With Theological Studies, you can investigate the development of Christian self-understanding in a number of different modes, from historical movements to contemporary theological projects engaged with liberation, postcoloniality, justice, gender, interreligious conversation, and the environment.

Religion at Trinity

In combining theological study with the study of religion, this degree is unique in Ireland. Trinity's School of Religion is internationally recognised for its strengths in biblical studies, philosophical and theological ethics, peace studies, theological studies and religious studies. These strengths ensure that student experience combines in-depth analysis with breadth of subject matter that presents religious traditions in their historical, intellectual, cultural, aesthetic, political and ethical dimensions, as well as examining how religious traditions have interacted, and continue to interact, with the context of their origins and development.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see 28 for further information.

Graduate skills and career opportunities

This course offers students the opportunity to develop all four of Trinity's graduate attributes of thinking independently, communicating effectively, developing continuously and acting responsibly. Graduates from our School have entered a wide range of professions, including: law, education (primary and secondary), information technology, pastoral ministry, the civil service, creative arts, publishing, accountancy, as well as continuing on to further research in Ireland and abroad.

WHAT OUR GRADUATES SAY

Orla Eady

I have recently completed my undergraduate course in Religion. I chose Trinity for this undergraduate degree programme as it had the particularity of offering courses in the Study of Religion and World Religions, which were my main areas of interest. While these are the areas that I found attractive in the field, I ended up choosing many courses in Theology and Biblical studies as well and they proved to be really enriching and I loved the philosophical and ethical issues that we addressed. I also had the opportunity to take up a language in my second year and I chose Arabic, I have always enjoyed learning languages and this is one of my favourite classes. This is a small course and the department makes each student feel welcome and the lecturers really are amazing. The course is varied and interesting and I would certainly recommend it to anyone interested in learning more about Religion in the modern world but also key debates and challenges in the history of religion.



Your degree and what you'll study

First year

In your first year of study, twelve modules help to immerse you in this field of scholarship. The Hebrew Bible, and the New Testament are introduced in their historical contexts. You will study Judaism, Islam, the religions of the ancient Mediterranean world, and religious diversity in Asian contexts. You will be introduced to ethics, philosophy and the study of religion, as well as theology through an engagement with some of their major thinkers, texts and methods. Before moving into your second year, you will be invited to consider the direction that you would like to pursue in your studies over the coming years in each specialism of the course.

Second and third years

Throughout these years, your modules offer an increasingly focused and state-of-the-art engagement in your chosen field. Different genres of literature and historical reconstruction are addressed in biblical studies. Theology looks both to the emergence and reception of classical doctrines, as well as to topical issues of religion and science, and theology and social justice. The field of ethics is explored through issues of gender and human rights, bioethics, technology, environment and war and peace. There is an opportunity to study the Qur'an within Islamic and Late Antiquity contexts, and explore the message and heritage of the prophet Muhammad. During these years it is also possible for you to study Hebrew or Greek.

Fourth year

The major accomplishment of your final year is your Capstone individual research project. This is an important achievement of supervised and self-directed research and writing. In addition to the Capstone research project, final year modules offer you the opportunity to engage with current issues of research activity within the school. These areas currently include: religion, war and peace; multiple modernities; theologies of

church and eucharist; the study of ritual; queer theological ethics; religion and the arts; Islamic perceptions of gender.

The range of assessment strategies reflects the goal of enhancing student education through diversity and quality of experience. Some modules are assessed by end-of-semester exams combined with summative essays; others rely exclusively on essays; others require the creation of a portfolio of short assignments; others include in-class tests.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Religion is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96.

Study abroad and internship opportunities

Students in the School of Religion, Theology, and Peace Studies may avail of opportunities to study abroad. Further information on study abroad can be found at: www.tcd.ie/study/study-abroad/outbound

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www.tcd.ie/religion

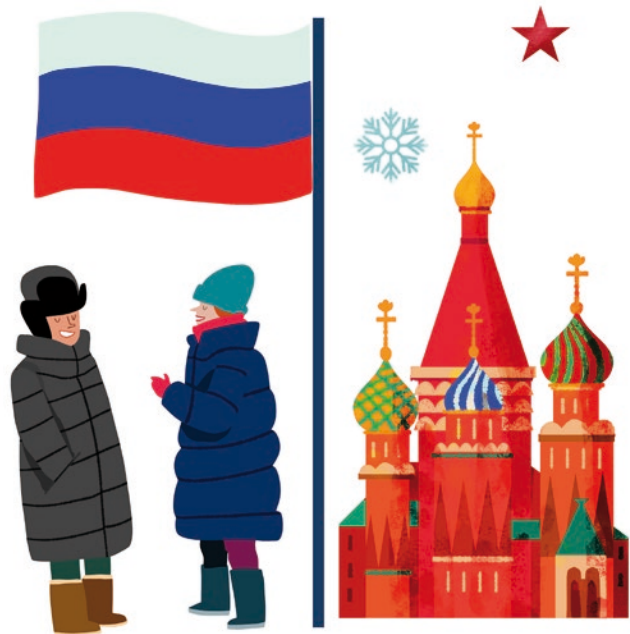
srundergrad@tcd.ie



Russian

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	377-613	4	4 years



Special entry requirements

Leaving Certificate	H4	In Russian or, for beginners, in a language other than English
Advanced GCE (A Level)	Grade C	In Russian or, for beginners, in a language other than English



Russian is studied as a Joint Honours subject with one of the following options:

- TR087 Business Studies[^]
- TR114 Ancient History and Archaeology
- TR177 Classical Civilisation
- TR208 Economics
- TR239 Classical Languages
- TR277 English Studies
- TR323 Drama Studies
- TR326 Geography
- TR447 History
- TR588 Linguistics
- TR597 Mathematics
- TR639 Philosophy
- TR636 Music
- TR666 Religion
- TR756 Sociology
- TR757 Social Policy
- TR670/TR671 Modern Language*
(French, Irish, Italian, Spanish)

* See pages 82 and 84 for language options and requirements

[^] See page 106 for Business Studies

Why study Russian?

- Russian is the first language of nearly 150 million people; it is spoken by more than 260 million people around the world. Russia is a major player in the global economy, with ties both to Europe and Asia, and beyond.
- Russian writers, musicians and artists have made a considerable contribution to European culture; Russian history has helped shape Europe as we know it today.
- Exploring Russia's past and present helps understand the interaction between Europe's eastern and western traditions.
- In the Department of Russian and Slavonic Studies we give students a considerable amount of individual attention and support. Our students are able to tailor the programme to develop their interests and skills.
- You will find the Russian programme exciting and rewarding if you enjoy language study, are interested in unfamiliar cultures, have a sense of adventure and are not afraid of a challenge.

Russian at Trinity

- You will study Russian language from beginner level or continue your advanced level in a small group setting.
- You will explore and engage with cultural, literary, social and political diversity in Russia and Eastern Europe.
- You will have a life-changing opportunity to study abroad.
- You will develop linguistic skills and intercultural competencies for a competitive advantage in the job market.

Serious study of languages has never been more relevant. As Artificial Intelligence (AI) makes it easier for companies and organisations to establish contact with foreign

partners, further advancing globalisation, there is an increased need for high-level multilingual staff who can manage international teams, take legal responsibility for translations, and conduct multicultural negotiations. Ever advancing AI may indeed replace a basic command of a foreign language but highly fluent critical thinkers are, and will remain, in ever higher demand.

Graduate skills and career opportunities

Career paths followed by recent graduates are often ones where Russian-language competence is directly relevant. These include the arts and media; education; business, finance; IT/Telecommunications; tourism; law; and civil and public service;.

Our recent graduates have pursued careers in many different fields: filmmaker, interpreter, political correspondent, e-commerce marketing specialist, human rights monitor, Department of Justice, Department of Foreign Affairs, Accenture, Bord Bia, Enterprise Ireland, Colliers International, PwC, Reuters, Irish Distillers to name a few. Some graduates also opt to pursue further postgraduate study in Ireland or abroad.

DO YOU ENJOY...

Discovering a culture through its literature and language?

Getting to know people and places?

Exploring and engaging with cultural, linguistic, social and political diversity in the world?

The intercultural communication competencies, analytical and critical thinking skills you will gain with your degree in Russian is a very attractive combination for prospective employers. It will give you a competitive advantage in the job market even for career paths where Russian may not be directly involved in your day-to-day work.

Your degree and what you'll study

Most students start Russian as complete beginners, and take an intensive first-year language course (with 5 hours of language classes per week). Special provisions are made for students with prior knowledge of Russian (native, near-native speakers, those who have passed Russian in the Leaving Certificate or have taken another entrance qualification in Russian).

In addition to language study, you will take modules covering aspects of Russian literature, Russian history and Russian culture, society and politics. In later years, you will also have the option to study a second Slavonic language (Polish, Bulgarian or Croatian).

Pathways

At entry, Russian must be combined with one other subject. In later years, you will be able to select additional subjects and electives. The pathways available for study are Single Honours, Major with Minor and Joint Honours in Russian Please see page 29 for further information.

First and second years

In the first and second years, there are approximately ten hours of classes per week. Classes cover three main areas:

- Russian language: you will develop fluency in reading, writing, speaking and listening, and build the foundation for studying abroad.

- Central, East European and Russian area studies. First you will explore the geopolitical space of Central and Eastern Europe, and in the second year you will focus exclusively on Russia, it's contemporary society, politics and culture.
- Russian cultural and literary studies: you will be introduced to central figures and major topics in Russian literary and cultural history. You will progress from reading literary texts mainly in translation to tackling key works by Russian writers.

Third and fourth years

You will combine advanced language study and a wide range of module choices, allowing you to choose options that reflect your own interests. Options include more specialised study of Russian literature and culture, history of Russia and the Soviet Union, Russian society and politics, and a second Slavonic language (Bulgarian, Croatian or Polish). In the final year, you will also undertake a Capstone project on a topic of your own choice.

At all levels, you will be assessed by a combination of continuous assessment and exams. We use a mix of traditional and innovative continuous assessment methods: essays, project work, presentations, book reviews and dossiers, podcast creation. Final year students also write a Capstone project.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Immersing yourself in the language and culture is also one of the most valuable ways of achieving fluency and getting to know about the people, politics, history and culture when you are studying a language. A year or semester studying abroad will be one of the highlights of your experience as Trinity languages student. For students of Russian, we have exchange agreements with Tallinn University School of Humanities in Tallinn, Estonia.

Single Honours students spend an exciting third year of study abroad which is compulsory and joint honours students can choose to spend a year or a semester in their third year in one of our partner universities. At a minimum, you will be required to spend two months in a Russian-speaking country during your studies. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad/outbound

Other courses you might enjoy

TR024: European Studies, page 56

TR087: Business Studies and Russian, page 106

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undergraduate.slcs@tcd.ie

WHAT OUR GRADUATES SAY

Arianna Bettin

Studying Russian at Trinity was a unique experience that I will treasure forever. From first year students are introduced to Russian history, literature and culture in the module 'Cultural Studies'. In this way, they are exposed to a spectrum of subjects and get the chance to focus their research on the topics they find most interesting. From third year, students can also choose to study an additional Slavic language. To me, it seemed a great way to put into practice my knowledge of Russian grammar and lexicon. Russian is also taught through a very modern, pragmatic and deductive approach, so forget about passive repetition of grammar cases and vocabularies, and embrace role plays and contemporary literary texts!

Spanish

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	377-613	17	4 years



Spanish is studied as a Joint Honours subject with one of the following options:

- TR090 Business Studies[^]
- TR114 Ancient History and Archaeology
- TR177 Classical Civilisation
- TR208 Economics
- TR277 English Studies
- TR323 Drama Studies
- TR324 Film
- TR447 History
- TR455 History of Art and Architecture
- TR756 Sociology
- TR563 Middle Eastern, Jewish and Islamic Civilisations
- TR588 Linguistics
- TR597 Mathematics
- TR636 Music
- TR668/TR670/TR672 Modern Language*
(French, German, Italian, Russian)

* See page 84 for language options and requirements

[^] See page 106 for Business Studies

DO YOU ENJOY...

Learning about the similarities and differences between your country and Spain and Latin America?

Experiencing the fascinating and varied cultures of these countries, their history, literature and cinema?

Adding to your modern language skills for social and career purposes?

Why study Spanish?

Spanish is the native language of over 500 million people across Spain and central and southern America and the Caribbean, as well as parts of Africa and the US, and is an exciting and growing area of study. It is second only to English in the number of countries in which it is officially spoken. It is an official language in the European Union, the African Union, and the United Nations.

Whether a beginner or non-beginner in Spanish, you will very quickly feel a valued member of the Trinity Department of Hispanic Studies, one with a rich history that goes back to 1776. You will be taught by native speakers and leading experts in Spanish and Latin American studies who will help you to discover or deepen your interest in the Spanish-speaking world, giving you the opportunity to study a variety of language, literature, and cultural modules, while helping you to develop your language skills and intellectual abilities. Our students consistently attain high levels of linguistic and intercultural competence and advanced research skills. You can be confident that a degree in Spanish will provide a lifetime of personal and professional opportunities.

Spanish at Trinity

- Study Spanish language from beginner level or continue your advanced level in a small group setting, taught by experienced native speakers.
- Learn about the fascinating and varied cultures of Spanish-speaking countries, their history, literature, and cinema.
- Experience a life-changing opportunity to study abroad.
- Develop linguistic abilities and intercultural competencies for a competitive advantage in the job market.

Graduate skills and career opportunities

In-depth study of languages has never been more relevant. While Artificial Intelligence (AI) has made significant strides in machine translation and communication, there is an ever-growing demand for highly fluent, multi-lingual and critical-thinking individuals who can effectively navigate multicultural environments and engage in complex international negotiations. Language expertise has never been more relevant.

Independent thinking and critical analysis skills, linguistic abilities, intercultural communication competencies, and advanced research and presentation skills are just a few of core competencies which a degree in Spanish will help you develop and expand.

Graduates follow a wide range of careers all over the world. While some build directly on a specialised knowledge of subjects studied, more commonly it is the general intellectual and personal skills developed which prove to be of most obvious value to employers.

Your degree will open many career opportunities in education, journalism, the diplomatic service, business administration, banking, publishing, interpreting, translation, advertising, public relations, digital communication, and visual media. Recent graduates have started careers in Google, Oracle, Telefónica, Ryanair, Central Bank of Ireland, Gerson Lehrman Group, NGOs, and the European Union. Many graduates have also pursued postgraduate degrees in Hispanic Studies and related fields.

Special entry requirements

Leaving Certificate	H4	In Spanish or, for beginners, in a language other than English
Advanced GCE (A Level)	Grade C	In Spanish or, for beginners, in a language other than English

Your degree and what you'll study

At entry, Spanish must be combined with one other subject. In later years, you will be able to select additional subjects and electives.

Spanish at Trinity is taught by a variety of methods to equip you with a comprehensive range of language skills. The Department offers intensive language teaching (five hours a week) for beginners.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year. Please see page 29 for further information.

First and second years

In the first two years, the course covers three main areas:

- Language: you will select beginners or advanced level and study grammar, text analysis, and intensive practice in communication skills (speaking, listening, reading, and writing). You will be able to add Portuguese Languages in second year also.
- Contemporary Spain: an introduction to modern history, socio-political issues, and current affairs.
- Literature and cinema: close study of a range of Spanish and Latin American literary texts and films.

Third and fourth years

- You will continue with language study, taking advanced classes that will consolidate your knowledge of grammar and syntax and provide practice in communication skills. You will also be able to deepen your knowledge of Hispanic cultures through the specialist study of literature, theatre, and film.

You will work more independently and with significant freedom of choice. As well as studying Spanish language, you will choose other modules specialising in topics as diverse as Medieval and Golden Age Spanish Literature; Cuban theatre; Galician film and Mexican Indigenous literature. You will also have the opportunity to conduct independent research as part of your final year project known as a Capstone project.

At all levels, you will be assessed by a combination of exams, essays, and continuous assessment. Language modules are usually assessed by written and oral examinations and class tests.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

A year or semester studying abroad is one of the highlights of a student's Trinity experience. Immersing yourself in the language and culture is also one of the most valuable ways of achieving fluency and deepening your knowledge of the politics, history, and culture of the country.

Single Honours students spend their third year of study abroad (compulsory), Joint Honours students can choose to spend a year or a semester in their third year at one of our partner universities (Joint Honours students are required to spend a minimum of two months in a Spanish-speaking country during the course of their studies). We currently have exchange agreements with the Universities of Granada, León, Salamanca, Seville, Oviedo, Almería, Santiago de Compostela and Barcelona, among others. For more information on study abroad destinations and requirements visit: www.tcd.ie/study/study-abroad/outbound

Other courses you might enjoy

TR024: European Studies, page 56

TR039: Computer Science, Linguistics and a Language, page 134

TR090: Business Studies and Spanish, page 106

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WHAT OUR GRADUATES SAY

Philip McGuinness

During my time in the Department of Hispanic Studies at TCD, I was privileged to undertake an exciting and varied degree focused on the areas of language, literature, culture and politics. Throughout this time, I was able to develop my Spanish language proficiency whilst, as an undergraduate, simultaneously acquiring invaluable transferable skills of independent research, self-driven learning and cultural awareness, something which I draw upon regularly in my role in the Irish Parliament (Houses of the Oireachtas), centred on the scrutiny and processing of legislation, working through English and Irish.

Trinity College Dublin and Columbia University Dual B.A. Programme

Two B.A. Honours Bachelor Degrees (NFQ Level 8)

Degrees awarded by Trinity College Dublin,
The University of Dublin and Columbia University



Course Codes

TR060	Biological and Biomedical Sciences (Neuroscience)
TR021	Classics, Ancient History and Archaeology
TR023	English Studies
TR024	European Studies
TR042	Film
TR062	Geography and Geoscience (Geoscience)
TR003	History
TR043	History of Art and Architecture
TR031	Mathematics
TR040	Middle Eastern and European Languages and Cultures
TR005	Philosophy
TR041	Religion

What is the Dual B.A. Programme?

The Dual B.A. Programme between Trinity College Dublin and Columbia University offers students a unique opportunity to earn two B.A. degrees while spending the first two years at Trinity and years three and four at Columbia University in New York.

The Dual B.A.: The course for you?

This course is for those interested in expanding their experience to gain a truly international education. Students in the Dual B.A. Programme graduate with two B.A. degrees, one from Trinity and one from Columbia. After the first two years in Trinity, students then spend a further two years at Columbia, where they fulfil the requirements for one of the approved majors while also completing Columbia's core curriculum. Students also undertake additional study to meet the requirements of the Trinity B.A., including a Capstone project.

Your degree and what you'll study

Biological and Biomedical Sciences (Neuroscience)

At Trinity students take courses in integrative neuroscience, psychology, mathematics and statistics as well as study core concepts fundamental to biological systems. Biology topics include cell biology, genetics and evolutionary biology, molecular biology, biochemistry, metabolism, microbiology, physiology, neurobiology, ecosystems and environmental biology. Students expand their knowledge in social sciences, history and philosophy of science, and foreign languages. At Columbia, students undertake further study in neuroscience and behaviour.

Classics, Ancient History and Archaeology

At Trinity students are introduced to the study of Greek and Roman literature, history, art and architecture through broad-based survey and skills modules, and undertake modules in Greek and/or Latin. In the second year, students choose more specialised historical, archaeological, and literary/cultural

modules. Flexible pathways enable students to pursue their own interests. At Columbia students choose one of four majors: Classics; Archaeology; Ancient Studies; Classical Studies. Students also undertake a summer school or a multidisciplinary-taught module.

English Studies

At Trinity students take all English Studies core modules and open/elective modules as required. At Columbia, students continue to follow a major in English. Students continue to develop their skills and deepen their engagement with the core discipline, while also undertaking classes across humanities subjects. Students will also complete a multidisciplinary-taught module and a Capstone project in their final year.

European Studies

At Trinity, alongside modules in the social sciences, modern European history, and the history of Ideas, students choose two languages from French, German, Italian, Irish, Polish, Russian, and Spanish. French and Irish are not offered at a beginner level; no student may study more than one language as a beginner. At Columbia, students choose one of eight majors: History; Political Science; Hispanic Studies; Hispanic Studies with Specialisation; French; German Literature and Cultural History; Italian; or Slavic Studies. Students opt for a period of study abroad in Europe, an internship or a multidisciplinary-taught module.

Film

At Trinity students undertake foundational modules in film history and theory, including the history of Hollywood, trends in European and Non-Western cinema, screenwriting and film production, editing, and documentary making. Students are encouraged to engage creatively with the course and express themselves through podcasts, blogs, class debates, and digital portfolios in addition to conventional essays. At Columbia, students major in Film and Media Studies. Students also opt between a multidisciplinary-taught module and a summer film festival project.

Geography and Geoscience (Geoscience)

At Trinity students acquire a broad grounding in geology, physical geography, and human-environment interactions via classroom, laboratory, online, and field-based teaching. Students learn about issues such as climate change, natural hazards, energy, sustainability, and natural resources whilst studying the origins and development of our planet and the processes shaping its environments. In addition, students will expand their knowledge in the social sciences and a language. At Columbia, students will major in Earth Science

History

At Trinity students are introduced to advanced historical study through modules that focus on periods ranging from the medieval to the contemporary. History is studied alongside other disciplines, including the social sciences and languages. Columbia's comprehensive curriculum in years three and four complements students' time in Dublin, covering most areas of the world and most periods of history. Students also complete a Capstone essay in their final year.

History of Art and Architecture

At Trinity students are introduced to a broad range of artworks and buildings from Ancient Greece to the present day, and the critical and methodological frameworks of the discipline. Students choose one of three majors at Columbia: The 3 majors are;

- Art History
- Art History and Visual Arts
- Architecture, History, and Theory

and can take modules that cover global art across most periods of history. Students also undertake a summer school, internship or a multidisciplinary-taught module.

Middle Eastern and European Languages and Cultures

At Trinity students are introduced to the cultures and societies of the Middle East through the study of history, politics, literature and religion from ancient times to the present alongside courses on European culture and history. In year one students take a European language, from French, Spanish, German, Italian, Russian, or Polish, and in year two, they study a Middle Eastern language from Arabic, Hebrew or Turkish.



WHAT OUR GRADUATES SAY

Sara McGeough

European Studies– History

One of the most positive aspects is the flexibility in terms of what you can study. My classes ranged from Ancient Greek history to Oceanography, from European languages to Tibetan Buddhism, from International Relations to Dinosaurs & the History of Life, from European sociology to Native American anthropology, Western Art and Music. This program constantly challenged me to confront the assumptions that I held about myself, and the world around me.

At Columbia, students can major in history; religion; political science; or Middle Eastern, South Asian, and African studies. Students can also undertake an internship or a multidisciplinary-taught module.

Mathematics

At Trinity students take courses in algebra, analysis, mechanics, computation and statistics. Students will expand their knowledge in social sciences, and foreign languages. At Columbia, students undertake further study in the field of Mathematics and can major in Mathematics, Applied Mathematics, Computer Science-Mathematics, Mathematics-Statistics or Economics-Mathematics.

Religion

At Trinity students will undertake a programme designed to facilitate a broad-based study of Religion structured around four pillars: The Study of Religion; Religions in Antiquity and Biblical Studies; Ethics and the Politics of Religion; and Christian Theology. Students can study Islamic, Buddhist, Jewish, and Christian sources, as well as examine the place of religion in the world today. Students can choose one of two majors at Columbia: Religion or Philosophy. Students also undertake an intensive summer school, based in Trinity.

Philosophy

At Trinity students will receive a thorough grounding in the history of Western philosophy as well as engaging with philosophical problems such as free will, the nature of morality, and the existence of God. From the beginning, students will take small seminars on current topics of philosophical research. At Columbia, students will have the opportunity to choose advanced seminars on a wide range of philosophical topics to suit their interests.

Application process and requirements

Applicants to the Dual B.A. Programme must apply by 2nd January 2024 for September 2024 entry. The admissions process includes a review of the applicant's academic history, letters of recommendation, an essay, and an interview conducted in English. Standardised test scores (SAT/ACT) can be submitted but are not required for entry. Applications are reviewed by a joint committee with representatives from both Institutions. Applicants from the EU, Switzerland or UK to the Dual B.A. Programme must also apply to and receive an offer from their chosen programme at Trinity through the Central Applications Office (CAO).

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Business Studies (Joint Honours)

**B.A. (Moderatorship) Honours Bachelor Degree
(NFQ Level 8) for Computer Science and Business**

**L.L.B/B.A Honours Bachelor Degree
(NFQ Level 8) for Law and Business**

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	480-613	58	4 years



Business Studies is studied as a Joint Honours subject with one of the following options:

TR188 Computer Science
TR580 Law

* See page 84 for language options and requirements

What is Business Studies (Joint Honours)

The business aspects of this degree will result in a graduate with the knowledge and skills necessary to work in, understand, and critically evaluate practices within markets, organisations and business management. The study of Business is the study of the integration of a range of fundamental practices of business including finance, marketing, leadership, strategy, accounting, corporate social responsibility, business ethics, and broad management skills designed to explore and enhance our understanding of how companies and industries operate and flourish.

Business Studies: The course for you?

You will enjoy this course if you have a core interest in business but would also like to develop and engage with either computer science or law. The business aspects of the programme will provide you with a depth of engagement and understanding of the various aspects of markets, organisations and business management.

If you are thinking of Business and Computer Science then you will like to focus on problem solving, using logical and mathematical skills and you will also engage with management and business subjects that will help you action these in the commercial world. Computer Science at Trinity is challenging

and exciting, with a focus on innovation and cutting-edge technology. To get the best from the course you need to be interested in developing clear logical ideas about situations and about how to develop algorithms for computers to deal with these situations. You should be comfortable using mathematical techniques to solve problems. If you are knowledgeable about computers already, to the extent of building them or writing programs for them, so much the better – but bear in mind, no prior knowledge of computer science is assumed.

If you are thinking of Business and Law then you would like to gain an in-depth understanding in the disciplines of law and business and develop a critical understanding of both the legal framework of business activity and the economic and commercial context in which law operates. You will have the opportunity to focus on the many areas of overlapping interest between the two disciplines. These include the structure of companies and other forms of business organisation; competition law and regulation of markets; consumer law; labour law; finance and financial markets; taxation; the protection of intellectual property and international perspectives on law and business. This course is aimed at individuals seeking a career defined by the application of legal principles and management practices. The programme will provide you with a firm grounding in law along with strong management skills, enabling students to choose from a wide range of career opportunities or further study.

Graduate skills and career opportunities

Students taking this Joint Honours programme are prepared for challenging careers in business and computer science/ law, as well as positioning them for postgraduate study and research in any of these fields. Both government and industry have identified a need for more graduates

with these unique combination of these skills. Graduates of this programme are employed in a variety of roles for multinationals, such as Google, LinkedIn, Twitter, and by consultancy and accountancy firms, such as Ernst & Young, Accenture, MRBI, PwC, and KPMG, within the public sector and for small and medium sized businesses. The entrepreneurial route is also popular and encouraged and many students have started their own business and won entrepreneurship awards as undergraduates while others have done so as graduates. Other students have pursued Masters and Ph.D. studies in business and computer science or law disciplines.

Your degree and what you'll study

From a business perspective we provide critical engagement with the various business disciplines spanning four main focuses which progress over the four years of study.

- Immerse yourself in the contexts and fundamentals of business
- Broaden your business knowledge
- Develop practical experience and international exposure
- Deepen your expertise

The Joint Honours degree is a four-year programme in which we provide critical engagement with the various business disciplines spanning and progresses over the four years of study. In order to obtain an adequate grounding in each discipline, students will be required to complete certain mandatory modules, largely taught in the Fresher (first two) years. The Sophister (third and fourth) years will allow students to choose from two/three streams depending on their interests and pathways. There is a minimum and maximum requirement in each discipline depending on the chosen pathway.

Special Entry Requirements

For Computer Science and Business

Leaving Certificate	H4/O2	Mathematics
Advanced GCE (A Level)	Grade C	Mathematics
GCSE	Grade A	Mathematics
International Baccalaureate	HL Grade 5	Mathematics

For Law and Business

Leaving Certificate	O4/H6	Mathematics
GCSE	Grade B	Mathematics
International Baccalaureate	SL Grade 5	Mathematics

WHAT OUR STUDENTS SAY

Matthew O'Shea

I chose to study Law and Business because it offers such a broad education in both disciplines, as well as in how they interact. Having finished my degree, I could not be happier with my selection.

The design of the Business & Law Joint Honours encouraged independent learning, with plenty of opportunity for individual and group work outside of the structured classes. This facilitated exploring both disciplines on a wider level, and developing soft skills outside the classroom. This also allowed me to get more involved in extra-curricular college life in a more engaged way. This was aided by my exposure to two wonderful school communities in the Law School and the Trinity Business School. In addition, having a small class size allowed me to get to know everyone quickly, and make friends for life. The flexibility and breadth of options this Business & Law Programme offers you cannot be understated - I truly cannot recommend it highly enough.

First and second years

In first year, students study introductory topics in Business and typically take all or some of the following business topics depending on the programme. The subject areas such as: Management & Organisation, Economics Policy and Qualitative Methods for Business (Data Analytics).

In the second year, students in Business have the opportunity to study subjects in greater depth. For example, the Business subjects studied could be in Marketing, Accounting, Finance, Managing Climate Change, Operations Management, Creative Thinking, Innovation and Entrepreneurial Action, Organisational Behaviour.

Third and fourth years

In third year, students again take a combination of topic areas choosing from a larger selection of Business subjects which could include: Human Resource Management, Contemporary Marketing Management, Consumer Behaviour, Financial Accounting, Management Accounting for Business Decisions, Business in Society, Innovation, Introduction to Fixed Income, Securities and Alternative Investments, Entrepreneurship and Business Modelling, Corporate Finance and Equity Valuation, Services, Management, Digital Technology in Operations, Organisation Theory and Organisational Analysis, Investments, Social Entrepreneurship.

In the fourth year, students study a range of topics in even greater depth and within business could include the following subjects: Designing Social Innovations, Delivering Social Impact, Strategic Management Theory and Practice, International Business & the Global Economy, Exploring Organisational Experiences, Financial Reporting and Analysis, Derivatives, Advances in Marketing Theory and Practice, Digital Marketing, Managing People and Leading Change, Operations Strategy and Improvements, International Finance.

Most modules involve a combination of continuous assessment, essays, projects, presentations, open and closed book examinations focus on self-directed and experiential learning. There is some potential to apply for a limited number of study abroad options in the third year of both programmes.

Study abroad

In third year students may have the opportunity to apply to study abroad for the full or half year with one of Trinity Business School's partner universities. If accepted this provides students with the ability to experience a unique academic, cultural opportunity and an exceptional personal experience. Please consult the following link for further information: www.tcd.ie/business/programmes/undergraduate/study-abroad

Other courses you might enjoy

TR080: Global Business, page 100

TR081: BESS, page 102

TR085/TR086/TR087/TR089/TR090:
Business Studies and a Language,
page 106

GET IN TOUCH!

Trinity Joint Honours Office

[E joint.honours@tcd.ie](mailto:joint.honours@tcd.ie)

Business School Office

[E undergraduate.business@tcd.ie](mailto:undergraduate.business@tcd.ie)

Computer Sciences School Office

[E computerscience-business@scss.tcd.ie](mailto:computerscience-business@scss.tcd.ie)

Law School Office

[E law.school@tcd.ie](mailto:law.school@tcd.ie)

WHAT OUR STUDENTS SAY

Sinead McAleer

Computer Science and Business is a powerful combination in today's world, where no business can compete without digitisation. As a student, you are exposed to a great variety of disciplines, modules and learning opportunities that open up an array of careers paths. During this degree, I have had the opportunity to study software engineering, artificial intelligence, project management, accountancy, finance, organisational behaviour and more. In the final two years of Computer Science and Business, students are given a significant amount of choice when selecting their modules, allowing you to specialise in your area of interest. This degree is perfect for students with an entrepreneurial mindset, as it gives you a powerful toolkit to launch your own business. It also has seen students pursue careers in programming, project management, consulting, entrepreneurship, investment banking, teaching – to name but a few. Ultimately, a degree like Computer Science and Business allows students to develop their logic and reasoning skills, while learning how to best implement these in the working world. Computer science and business was a great choice for me and I cannot recommend it enough!

Global Business

B.B.S. Honours Bachelor Degree (NFQ Level 8)



Course Code	CAO Points 2022	Places 2023	Duration
TR080	601	40	4 years

What is Business?

The study of business requires a broad understanding of how human beings apply their skills, networks, knowledge and creativity to problems and opportunities in the world around them; and how they shape that world through their efforts to compete and collaborate over time.

Global Business: The course for you?

Studying business opens up a huge range of opportunities: the subject can appeal to people who want to change the world as much as those who want to make a profit. Society is made up of a complex tapestry of organisations and if you are interested in exploring how organisations work and where you fit in, this is the course for you.

Global Business at Trinity

The Global Business degree is a unique programme, designed for students who wish to focus on business from the very beginning of their degree. The degree is both innovative and practical with a strong focus on experiential learning. Trinity Business School places an emphasis on blended learning, where academic excellence meets industry experience with a keen focus on how business operates within the global economy.

During the programme, students will have the opportunity to develop foreign language proficiency, work as an intern with a firm or non-profit organisation, live and study in another country and carry out a research project.

Graduate skills and career opportunities

Trinity Business School graduates pursue careers across a range of business, government, technology, innovation and social ventures. Banking, finance, accountancy, consulting and marketing jobs top the list of first jobs after graduation and 98% of our students enter employment or further study after graduating. Trinity is known for not only preparing you for your first job, but for future career prospects and promotion as well. Our graduates go on to become leaders in their fields and help to nurture and support the global network of Trinity business graduates throughout their careers.

In addition to positioning students for a broad range of careers, the Global Business programme is designed to facilitate students' entry into graduate courses in business and other related Masters programmes. Having undertaken a significant project of independent study in a business area of their choice, students are well-positioned to apply for postgraduate research study in Trinity as well as other highly regarded research institutions with a high rate of application success.

Your degree and what you'll study

From the first year, students will gain an understanding of the historic development of business, the evolution of organisation and management, together with grounding in the business-related social science and quantitative disciplines that underpin them. During the course, students can avail of specialised courses in a number of core areas of business, including marketing, finance, strategic management, social enterprise and entrepreneurship.

The programme will require that students choose at least one area of business study to pursue in depth – taking advanced subject area modules and undertaking independent research guided by an academic and/or qualified practitioner to produce a significant outcome that gives them a unique selling point in the next stage of their career.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Accounting exemptions

Depending on module choices, Global Business undergraduate students can receive full CAP 1 exemptions from Chartered Accountants Ireland (ACA). Students can also receive a range of exemptions from the Association of Chartered Certified Accountants (ACCA) "Fundamentals" exams, again dependent on their subject choices. Both the ACA and the ACCA are internationally recognised. For more information, visit the following links: www.charteredaccountants.ie www.accaglobal.com/ie

First and second years

In first year, all students will study the fundamentals of management, economics, quantitative methods, ethics, information systems and well-being and how they can be applied in a business context. Students may also choose to take optional modules from the fields of law or modern European languages.

In second year, students are introduced to the core skills and theories in business management and take modules in Climate Change, Organisational Behaviour, Marketing, Accounting, Finance, Operations Management, Innovation, Business Ethics, as well as personal and professional development.

Students will also choose from a range of optional modules and Trinity Electives.

Special entry requirements

Leaving Certificate	O4/H6	Mathematics
GCSE	Grade B/6	Mathematics
International Baccalaureate	SL Grade 5	Mathematics

Third and fourth years

In third year students may choose from a wide range of modules, including Marketing, Consumer Behaviour, Financial Management, Taxation, Corporate Finance, Social Entrepreneurship and Innovation.

In fourth year, all students will complete a Capstone project that involves independent research as the core learning activity. Other module choices include Intercultural Management, International Business and the Global Economy, Financial Reporting and Analysis, Audit and Assurance, Managing New Product Development, Digital Marketing, Social Innovation and Social Impact, Company and Business Law and Global Supply Chain Management.

The Internship option in the third year gives students the opportunity to undertake an internship during the summer months in exchange for course credit. Students are required to work for a minimum of 6 weeks and may choose to work up to three months. Students may choose to take on a corporate internship, build their own startup, create a social enterprise or even construct a project for a Trinity-recognised society. The Business School provides dedicated resources to fully support students through this process and to allow them to grow and build on their experiences.

Study abroad

Our exchange programmes are highly successful and are an extremely popular choice for Global Business students. Participating students find they are hugely rewarded both academically and culturally and highly valued by prospective employers.

In third year, students have the opportunity to apply to study abroad in a prestigious European university with the EU-funded Erasmus programme. European partner universities include Grenoble School of Management, Universidad Carlos III Madrid; the University of Mannheim in Germany, Università Commerciale Luigi Bocconi, Italy, Uppsala University in Sweden and Rotterdam School of Management in the Netherlands. In addition to exchange programmes in Europe, students can apply to study at one of Trinity's partner universities in Japan, America, Asia, Australia or New Zealand. Further information on the year abroad programme, and a list of partner universities, can be found at: www.tcd.ie/business/programmes/undergraduate/study-abroad

Other courses you might enjoy

TR081: BESS, page 102

TR085/TR086/TR087/TR089/TR090: Business Studies and a Language, page 106

Business Studies (Joint Honours), page 98



WHAT OUR STUDENTS SAY

Dina Abu-Rahmeh

The business programme at Trinity provides students with the fundamental core business modules, while also allowing them to explore electives across different faculties. Students learn innovative real-world management from leading researchers and industry experts. Students are not only provided with theoretical knowledge in the classroom but are also given the opportunity to join business-related societies and apply their business knowledge and skills to real-life situations. My involvement with the Trinity Student Managed Fund alone opened many doors for me and allowed me to network with industry leaders and renowned professionals.

GET IN TOUCH!

Course Director: Dr Sheila Cannon

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www.tcd.ie/business/programmes/undergraduate

undergraduate.business@tcd.ie

[TrinityBusinessSchool](https://www.facebook.com/TrinityBusinessSchool)

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Business, Economic and Social Studies (BESS)

B.A. (Mod.) in Economics and Social Studies Honours Bachelor Degree (NFQ Level 8)

Or B.B.S. in Business Studies Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR081	566	236	4 years

What is Business, Economic and Social Studies (BESS)?

BESS is a uniquely flexible degree programme offering you different degree options across the disciplines of Business, Economics, Political Science and Sociology. It provides students with a broad education and you specialise and graduate with a Single Honours or Joint Honours degree with another subject, or a Major with a Minor. It also offers a high level of flexibility in two very important ways: from the second year onwards students are allowed to (a) choose the specific degree they wish to take and, (b) choose individual modules within their chosen degree path. Students, therefore, have an opportunity to adjust their study programmes in accordance with their academic results, interests, aptitudes and emerging career aspirations.

BESS: The course for you?

The disciplines of Business, Economics, Political Science and Sociology all examine the world around us, analysing how it works and asking the big questions.

Where they differ is in the things they look at and the way they examine them. In your first year as a BESS student, you will be introduced to each discipline's unique but complementary approach to studying the complex world that we live in. From the second year onwards, the flexible programme structure allows you to choose the disciplines that appeal to you, along with the specific topics that interest you, through a wide range of modules within each discipline. Graduates invariably tell us that it is this broad, flexible approach that allowed them to build the knowledge and insights that they rely on progressively as they advance to more senior positions in their careers.

BESS at Trinity

BESS is jointly delivered by the Trinity Business School and the School of Social Sciences and Philosophy:

Business

Top international professors and leading business people engage with the students, challenge them and guide them into top roles within the business world. Past students are now leaders in the world of business, government, entertainment, technology, innovation and non-profit businesses.

Economics

Many of the economic problems which dominate the headlines are explored within this discipline. Economics blends together theory, data and statistical techniques to help understand economic problems and to make policy recommendations.

Political Science

Politics affects us all in our daily lives. Should government tax the rich for greater equality? Should the amount of money the EU spends on agriculture be cut? Questions such as these, along with analysis of political systems and how democracy works, are at the heart of the study of politics.

Sociology

Sociology is the study of social change and the consequences of human behaviour. When you study Sociology you will get the opportunity to analyse people and societies, exploring areas as diverse as migration, race and gender, conflict studies, digitalisation, identities and employment studies.



Special entry requirements

Leaving Certificate	O4/H6	Mathematics
GCSE	Grade B/6	Mathematics
International Baccalaureate	SL Grade 5	Mathematics

Graduate skills and career opportunities

From a career perspective BESS is an extremely flexible and practical degree programme. Graduates are also highly sought after by employers in a range of fields, such as finance and banking, politics, research, management consulting, teaching, public service and journalism. Graduates have gone on to successful and rewarding careers in varied roles around the globe. The following are just a few examples of the organisations that have recruited BESS graduates: Accenture, Alcatel, Cisco, Barclay's Bank, Commission for Energy Regulation, Enterprise Ireland, Google, KPMG, Microsoft, Morgan Stanley, Tesco, Topshop, Channel 4 and Atlantic Philanthropies.

Your degree and what you'll study

First and second years

In the first year you will take all four subjects: Business, Economics, Political Science and Sociology.

In second year you can choose to continue with one, two or even three subjects and could, for example, take modules ranging from Intermediate Economics to International Politics, to an Introduction to Social Theory and modules from a list of available Trinity Electives or complementary/open modules.

Third and fourth years

In third year, you choose your degree pathway and pursue either two or one of the four subjects, and if applicable, choose complementary open modules.

In the fourth year you may choose to take one or two subject and can exit with a Single Honours, Major with Minor or Joint Honours award. All students will complete a Capstone project in their final year. Third and fourth year enter your degree at 30% to 70% respectively.

Choosing modules for a Single Honours degree option

In second year, Single Honours students, as well as taking modules from their preferred discipline, also select modules from one or more of the other three disciplines. In third and fourth years, students take the majority of their modules from their chosen discipline but, in keeping with the BESS philosophy of flexibility, there is significant scope to choose modules which appeal most from the range of available modules.

Studying BESS at Trinity

Year 1 – Study all 4 of the subjects below

Business	Political Science	Economics	Sociology
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Possible Awards

Single Honours	Major with Minor	Joint Honours
Business	Business/Economics	Subject 1/Subject 2
Political Science	Economics/Business	Business/Economics
Economics	Business/Politics	Business/Politics
Sociology	Politics/Business	Business/Sociology
	Business/Sociology	Economics/Politics
	Sociology/Business	Economics/Sociology
	Economics/Politics	Sociology/ Politics
	Politics/Economics	
	Economics/Sociology	
	Sociology/Economics	
	Politics/Sociology	
	Sociology/Politics	

Choosing modules for the Joint Honours and Major with Minor degree options

Throughout third and fourth year, Joint Honours students take approximately half of their modules from each of the two disciplines. Major with Minor students have more modules in their major discipline throughout third and fourth year. Since module choices may be made from among the full range available in two disciplines, the Joint Honours and Major with Minor degree routes offer exceptionally high flexibility with regard to programme design and module choice.

Most BESS modules involve a system of continuous assessment, essays, projects and/or presentations contributing between 30% to 50% of the overall grade per module. The remainder is based on the results of a written end-of-semester examination.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

WHAT OUR CURRENT STUDENTS SAY

Matt Fitzsimons

There were a variety of factors that made the decision to choose Trinity a simple one. Firstly, Trinity is the only university in Ireland which allows you to graduate with a degree in both Business & Economics through the BESS programme which is what I wanted to do. Secondly, Trinity has a strong reputation both in Ireland and across the globe and I knew graduating from such a reputable university would give me the widest variety of employment opportunities possible.



BESS at a Glance:

	First year 60 ECTS	Second year 60 ECTS Choose 1, 2, or 3 BESS disciplines	Third year 60 ECTS specialise in depth in 1 or 2 BESS disciplines	Fourth year 60 ECTS (incl. 20 ECTS Capstone) specialise in depth in 1 or 2 BESS disciplines
Business	<ul style="list-style-type: none">› Fundamentals of management and organisation	<ul style="list-style-type: none">› Organisational behaviour› Principles of marketing› Introduction to accounting› Introduction to finance› Introduction to operations management› Creative thinking, innovation and entrepreneurial action› Managing Climate Change› Qualitative Methods for Research	<ul style="list-style-type: none">› Financial accounting› Corporate finance and equity valuation› Contemporary marketing management› Services management› Business in society› Innovation, entrepreneurship and business modelling› Investments› Social entrepreneurship› Taxation› Management accounting› Consumer behaviour› Sustainability entrepreneurship› Fixed income securities and alternative investments› Financial management	<ul style="list-style-type: none">› International business and the global economy› Financial reporting and analysis› Derivatives and international finance› Advances in marketing theory and practice› Digital Marketing› Social innovation and social impact› Economic policy and business history› Strategic management: theory and practice› Managing people and leading change› Other business modules (see BESS pages)
Economics	<ul style="list-style-type: none">› Introduction to Economics› Mathematics and Statistics	<ul style="list-style-type: none">› Intermediate economics› Economy of Ireland› Mathematics and statistics	<ul style="list-style-type: none">› Economic analysis› Money and banking› European economy› Economics of less developed countries› Investment analysis› Economics of policy issues› Industrial economics› Mathematical economics› Econometrics	<ul style="list-style-type: none">› Advanced Macroeconomics› World economy› Economics of financial markets› Quantitative methods› International macroeconomics› Development economics› International Trade› Applied economics› History of economic thought and policy› Topics in political economy› Game theory› Labour economics
Political Science	<ul style="list-style-type: none">› Introduction to Political Science	<ul style="list-style-type: none">› History of political thought› International relations› Comparative politics	<ul style="list-style-type: none">› Research methods for political scientists› Irish politics› Democracy and development› European Union politics› Political violence› Public opinion› European court of justice and other famous courts› German politics› Gender and politics	<ul style="list-style-type: none">› Issues in contemporary politics› Contemporary international relations› African politics› Political psychology› Topics in political science› Russian politics after communism› Topics in civil conflict› Topics in German politics› Military and politics› Right wing populism› Electoral Accountability in Parliamentary Systems› Ethnic politics and identity› Political Science Capstone Project› Politics of forced migration› Theories of rights
Sociology	<ul style="list-style-type: none">› Introduction to Sociology	<ul style="list-style-type: none">› Gender, work and family› Social theory› Introduction to social research› Power, state and social movements	<ul style="list-style-type: none">› Social stratification and inequalities› Globalisation and development› Researching society› Race, ethnicity and identity› Comparative sociology of Europe	<ul style="list-style-type: none">› Labour markets, gender and institutions› Conflict studies› Social networks and digital lives› Migration, mobilities and integration
Core/ Designated Open modules	Choose one subject from: <ul style="list-style-type: none">› Law› Social policy› Intro to Central, East European and Russian area studies› Language (Irish, French, German, Spanish, Russian or Polish)	<ul style="list-style-type: none">› Central problems in philosophy› History of western philosophy› Logic› Leading human service organisations› Language› Law› Citizens participation in research and policy› Accessing and reviewing literature	<ul style="list-style-type: none">› Public interest law› EU constitutional law› Environmental law	<ul style="list-style-type: none">› Poverty, inequality and redistribution
Trinity Electives		<ul style="list-style-type: none">› Responsible action in the real world› Irish language and culture› Idea translation lab› What is the internet doing to me?› Social innovation› Engaging in the digital world› Travel and English literature› Spanish language and culture› Irish landscapes› Design thinking› From planets to the cosmos› Cancer: the patient journey	<ul style="list-style-type: none">› Toolkit for a smart and sustainable world› Cultures and societies of the Middle East and North Africa› Displacement: exploring the human experience of forced migration› Emergence of technologies› The art of megacity› A world to discover› Vaccines – friend or foe?› Japanese language and culture	

* Note: Module options are subject to change, see www.tcd.ie/bess for additional details.



Study abroad and language options

First and second year BESS students have the option to study Irish, French, German, Spanish, Russian or Polish. Students also have the opportunity to study abroad in their third year at prestigious universities in countries such as France, Germany, Italy, Netherlands, Austria, Belgium or Spain, as well as English-speaking international exchange programmes to leading universities in Europe, North America, Australia and Asia (China, Hong Kong and Japan). Some of the more popular universities are Uppsala University, Sweden; Emory University, Georgia, Senshu University, Japan; IEP – Institut d’Études Politiques de Paris, France; QUT Queensland University of Technology, Brisbane, Australia and the University of Copenhagen, Denmark. Further information on the year abroad programme can be found at: www.tcd.ie/study/study-abroad/outbound

Other courses you might enjoy

TR015: Philosophy, Political Science, Economics and Sociology (PPES), page 116
TR080: Global Business, page 100
TR085/TR086/TR087/TR089/TR090: Business Studies and a Language, page 106
Business Studies (Joint Honours), page 98

GET IN TOUCH!

www.tcd.ie/bess
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WHAT OUR GRADUATES SAY

Emily Waters

It was the flexibility and broad subject options of the BESS programme that encouraged me to study at Trinity. After experiencing modules in business, economics, sociology, and political science in my first year, I decided to specialise in business and economics for the remainder of my degree. From modules on accounting, entrepreneurship, and international business to statistics, the European economy, and applied economics, Trinity’s BESS programme allowed me to understand business and the various economic problems facing the world today. Interesting and thought-provoking lectures, coupled with Trinity’s knowledgeable and friendly professors, taught me how to think critically and engage with important topics on a theoretical and practical level. I am now employed as a Financial Services Consultant in PwC Ireland. Equipped with the skills I have gained academically in BESS and the leadership qualities I have developed through my involvement in Trinity’s extra-curricular activities, I am able to provide new insights to the issues faced by PwC’s clients.



Business Studies and a Language

(French, German, Russian, Polish or Spanish)

B.B.S. (Lang.) Honours Bachelor Degree (NFQ Level

Course Code	CAO Points 2022	Places 2023
TR085: French	555	15
TR086: German	534	16
TR087: Russian	441	9
TR089: Polish	410	9
TR090: Spanish	566	13



What is Business Studies and a Language?

This four year programme offers an exciting way of learning about business concepts, theories and models, in a variety of subject areas, as well as getting to grips in an in-depth and comprehensive manner with another country's language, its society, culture and business environment.

Business Studies and a Language: The course for you?

From start to finish, whether as beginners (on the *ab initio* Russian and Polish* streams) or as more advanced learners (in French, German or Spanish), you will be required to demonstrate a high level of motivation and commitment to mastering core business modules and to all aspects of language learning.

* Special provisions can be made for students with prior knowledge of Russian or Polish (heritage speakers, near-native speakers or those who have an entrance qualification in Russian or Polish).

Why Business Studies and a Language at Trinity?

The distinctiveness of the programme centres on the following: the business and language dimensions are integrated across all years of the programme, especially during the year abroad; language instruction is provided by specially-trained lecturers, most of whom are native speakers; lectures on the economy, business environment, society and culture of the relevant country are provided by experts who are continuously conducting research in their specialist field of study; and in many cases, students undertake a work placement in the target culture in order to apply and develop their business and language skills in a professional setting.

Graduate skills and career opportunities

On graduation you will have a strong academic knowledge of international business and management, together with a high-level of competence in the language you have studied. Recent graduates are employed in Ireland and abroad by leading international companies such as Google, KPMG, AIB Capital Markets and Goldman Sachs, as well as by consultancy organisations, embassies and public sector bodies. Many are working in marketing or international management roles while others occupy more specialist positions (such as analysts or researchers). Some proceed to undertake further study and research in international business at postgraduate level.

Your degree and what you'll study

This programme aims to provide you with the knowledge and skills necessary to communicate internationally and to understand the social, political and cultural contexts of markets, organisations and management across countries.

Teaching is specifically geared to the everyday needs, both formal and informal, of business managers. The language components of the programme will have a contemporary socio-economic and business orientation and much of the teaching is provided through the target language, simultaneously building language skills and knowledge relevant to managing across cultures.

First and second years

There are approximately 18-20 hours of lectures and tutorials per week. This time allocation should be matched by a similar level of personal study.

Modules in the first and second years include:

- > Fundamentals of Management and Organisation
- > Quantitative and Qualitative research methods
- > Principles of Marketing
- > Introduction to Accounting
- > Creative Thinking, Innovation and Entrepreneurial Action
- > Introduction to Finance
- > Introduction to Operations Management
- > Organisational Behaviour
- > Managing Climate Change
- > General Language and Language for Business (written, oral and aural proficiency)
- > Contemporary Society, Institutions and Culture (depending on your chosen language, you may also be given the opportunity to take a module in literature and film)
- > Overall economic and business environment of the region/country of your chosen language

WHAT OUR GRADUATES SAY Arthaud Mesnard

Without Trinity's support, Eirloop (Ireland's Hyperloop Team that was placed fifth at the SpaceX Hyperloop Pod Competition) wouldn't have been able to compete in Los Angeles. Furthermore Trinity also gave me the opportunity to participate and eventually win the Global Social Innovation Challenge 2018 organised by the University of San Diego with my social startup, KeepAppy.

Special entry requirements

Leaving Certificate	O4/H6	Mathematics (TR085, TR086, TR087, TR089 & TR090)
	H3	French (TR085) or German (TR086) or Spanish (TR090)
	H4	In a language other than English (TR087 & TR089)
GCSE	Grade B/6	Mathematics (TR085, TR086, TR087, TR089 & TR090)
Advanced GCE (A Level)	Grade B	French (TR085) or German (TR086) or Spanish (TR090)
	Grade C	In a language other than English (TR087 & TR089)
International Baccalaureate	SL Grade 5	Mathematics (TR085, TR086, TR087, TR089, TR090)
	HL Grade 6	French (TR085) or German (TR086) or Spanish (TR090)
	HL Grade 5	In a language other than English (TR087, TR089)

Third and fourth years

The third year is spent at a university or business school in the country of the language you are studying. Trinity has exchange agreements with a range of leading universities and business schools throughout Europe. The vast majority of modules and examinations, taken during your year abroad, will be through the medium of your chosen language. On conclusion of the academic year, experience of the business culture in the country of your chosen language may be gained through a work placement of approximately two months' duration.

In fourth year, all students are required to complete a Capstone module that involves independent research as the core learning activity.

In fourth year, Business module choices include:

- > Strategic Management Theory and Practice
- > International Business and the Global Economy
- > Financial Reporting and Analysis
- > International Finance
- > Advances in Marketing Theory and Practice
- > Social Innovation and Social Impact
- > Digital Marketing
- > Managing People and Leading Change

You will also take modules in your chosen language, further developing your writing, oral and translation skills, and in different aspects of business communication

There are QQI/FET routes available for this course (French, German, Russian, Spanish). Please see www.cao.ie for details.

Study abroad

Third year students are required to travel to and study at a university or business school in the country of the language you are studying. Trinity has exchange agreements with a range of leading institutions across Europe. Further information on the year abroad programme can be found at: www.tcd.ie/study/study-abroad/outbound

Other courses you might enjoy

TR034: Management Science and Information Systems Studies (MSISS), page 136

TR080: Global Business, page 100

TR081: BESS, page 102

WHAT OUR GRADUATES SAY

Marie-Louise O' Callaghan

This course exceeded my expectations in more ways than one. The degree itself offered an incredibly wide range of business modules along with the opportunity to study in Paris for my year abroad. I would highly recommend studying in Trinity. Both inside and outside of the classroom student life in Trinity is unparalleled. I have thoroughly enjoyed and embraced the wide range of societies, sports clubs and initiatives around campus. From the location, facilities, educational culture, network, standard of the lecturing and the friends you make during your four years, I truly believe Trinity's offers the best possible university experience for students in Ireland.

GET IN TOUCH!

www.tcd.ie/business/programmes/undergraduate/business-and-a-language-degree

undergraduate.business@tcd.ie

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www.instagram.com/tcdbusinessschool

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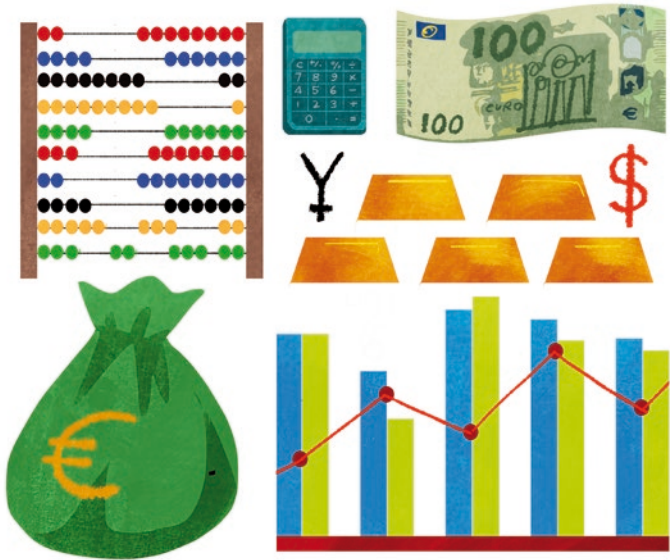
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Economics

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	531-613	48	4 years



Economics is studied as a Joint Honours subject with one of the following options:

- TR197 Computer Science
- TR198 Geography
- TR202 History
- TR207 Mathematics
- TR208 Modern Language*
(French, German, Irish, Russian, Spanish)
- TR209 Philosophy
- TR212 Sociology
- TR214 Social Policy

* See page 84 for language options and requirements

DO YOU WANT TO KNOW...

What determines economic growth?

Is it possible to pursue economic growth and still protect the environment?

How does monetary policy affect the economy?

What is Economics?

Any society has to address the problem of how and what to produce for its material survival, and how the goods and services that are produced should be distributed among its population. Economists explore how people and institutions behave and function when producing, exchanging and using goods and services. Economists' main motivation is to find mechanisms that encourage efficiency in the production and use of material goods and resources, while at the same time producing a pattern of income distribution that society finds acceptable.

Economics: The course for you?

Economics will appeal to students with a wide range of interests. If you are interested in current economic affairs or in understanding how public policies could lower unemployment or assist the developing world, then you will find studying economics both stimulating and rewarding. Economics is also a strong platform for careers in business and finance. Students who enjoy abstract thinking, and are evaluating courses such as engineering or physics, should also consider economics as a degree option.

Economics at Trinity

The Department of Economics, in the School of Social Sciences and Philosophy, places considerable emphasis on providing a supportive and stimulating teaching environment for all students. In addition to lectures, which are given by highly qualified academic staff with international reputations, the Department facilitates learning through approachable staff, small tutorial groups, student presentations, and time set aside each week by all staff and teaching assistants to meet students on a one-to-one basis. Furthermore, students gain valuable experience and exposure to economics through involvement in societies and debates and in the annual publication of the 'Student Economic Review.'

Graduate skills and career opportunities

Economics students develop exceptional logical reasoning and analytical skills which are highly sought after by employers in a range of fields including business, finance, journalism, law, politics, the public service and academia.

The following are just a few examples of the diverse organisations where economics graduates work: Web Summit, Abbott, Goldman Sachs, Google, Credit Suisse, Citigroup, JP Morgan, Accenture, Morgan Stanley, Irish Life, Wolfhound Press, Maersk, Central Bank of Ireland and KPMG.

About a quarter of economics graduates go on to postgraduate study, both at Trinity and at other leading universities around the world such as Stanford, Oxford, Cambridge and the London School of Economics.

WHAT OUR CURRENT STUDENTS SAY Cillian Bissett

Studying economics has given me the opportunity to learn about an incredibly broad spectrum of issues, from government policy down to how individuals make decisions on a day-to-day basis. It helps immensely with developing your ability to think critically, analyse information, and understand more about what is going on in the world today. Studying economics delivers an excellent college experience.

Special entry requirements

Leaving Certificate	O4/H6	Mathematics
GCSE	Grade B/6	Mathematics
International Baccalaureate	SL Grade 5	Mathematics

Your degree and what you'll study

Most of the teaching takes place at lecture level and is complemented by tutorials (small group teaching). In the first two years, teaching emphasises the understanding of the basic principles of economics and the acquisition of the quantitative and analytical skills necessary for more in-depth study. The student will also receive instruction on how the modern economy works both from an Irish and a global perspective. In third and fourth year, there are very few compulsory modules. Students are therefore able to construct their own programme from a wide range of options.

Project work is an integral component of almost all modules within the final year; this project work allows students to achieve a high level of expertise in a number of specific areas and is very beneficial to students when setting out on their career paths. In addition, students specialising exclusively in economics in fourth year complete a Capstone project on a chosen topic.

First and second years

Some of the modules that may be available to study are:

- Introduction to Economics
- Mathematics and Statistics
- Introduction to Economic Policy and a selection of optional modules.
- Intermediate Economics
- Economy of Ireland
- Mathematical and Statistical Methods.

Third and fourth years

Some of the modules that may be available to study are:

- Economic Analysis
- Money and Banking
- European Economy
- Economics of Less Developed Countries
- Investment Analysis
- Economics of Policy Issues
- Mathematical Economics
- Econometrics
- Economic Theory
- World Economy
- Development Economics
- Economics of Financial Markets
- International Economics
- Applied Economics
- History of Economic Thought and Policy
- Topics in Political Economy.

All modules in the first three years are assessed by a combination of continuous assessment (tests or essays) and the formal end-of-semester examinations.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Students have the opportunity to spend some time in their third year studying at distinguished partner institutions in Australia, France, Belgium, Germany and the Netherlands for either an academic year or for half an academic year; the majority of outgoing students go abroad for half an academic year. Further information on the year abroad programme, and a list of partner universities, can be found at: www.tcd.ie/economics/undergraduate/current/study-abroad

Other courses you might enjoy

TR015: PPES, page 116

TR081: BESS, page 102



WHAT OUR GRADUATES SAY

Emmet Kearns

I chose to study Mathematics and Economics at Trinity, hoping to strike a balance between theory and application. The course more than delivered; in first and second year, the degree offered an incredibly wide theoretical base which allowed students to discover where their interests really lie. In the final two years, I was then able to begin selecting more specialist modules, focusing on areas of interest such as Statistics, Data Science, Game Theory and Spatial Economics.

For me, the greatest competitive advantage of the course was the focus on writing novel research papers across my third and fourth years, providing a huge head start in academic research while pushing us to ask novel questions, tie together economic theory and empirical research at an early stage and focus on being creative in our approach. Supporting this, the professors (particularly those in the Economics department) were unrivalled in their commitment to students.

GET IN TOUCH!

www.tcd.ie/economics

econsec@tcd.ie

Law

LL.B./B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR004	566	90	4 years
Joint Honours (see below)	480-613	45	4 years



TR004 Law is studied as a Single Honours subject AND Law is studied as a Joint Honours subject with one of the following options:

- TR018** French
- TR019** German
- TR580** Business
- TR581** History
- TR582** Political Science

What is Law?

Law governs every aspect of our lives, from food labelling and football transfers to elections and crime. It regulates our social life from the contracts that we make when we buy products to the laws that determine when people can be jailed for committing criminal offences, and through to significant political decisions, such as constitutional reforms on marriage or abortion. As a law student, you will learn what laws are, how they work and how they change.

DO YOU ENJOY...

Solving problems using critical thinking?

Debating important social issues?

Expressing an argument clearly and articulately?

Law: The Course for you?

The law degree will appeal to you if you are interested in society and how it works, and with the broader question of the regulation of inter-personal relationships. A general interest in history and political developments will be an advantage, as the law is deeply linked to its historical and political context. However given the wide range of legal modules on offer, this degree attracts students with a broad range of interests. Studying law involves learning legal rules, and interpreting, applying and critiquing legal principles. It requires the development of the skills of argument and advocacy as well as of critical analysis and reasoning. Legal training requires the ability to think logically and critically. Precise and careful use of language, good writing skills and a facility for articulate expression are key attributes for legal scholars.

Law at Trinity

Trinity's School of Law is Ireland's oldest and most internationally renowned law school, and the highest ranked Law School in Ireland. We have a long established history producing some of the most prolific lawyers of the modern era in Ireland. Our strong network of alumni in Ireland and abroad comprises leading lawyers, judges, a former UN High Commissioner for Human Rights, Chief Justices, Presidents of Ireland, policy-makers and public representatives. We have a tradition for innovative teaching and curricula which is the lynchpin in ensuring our graduates are self-motivated, ethically aware and critically reflective citizens.

Graduate skills and career opportunities

Trinity's LL.B. degrees prepare students not only for life as 'lawyers', but also enables them to enter many career fields such as business, journalism, accountancy, banking, insurance, politics, foreign affairs and public policy, both in Ireland and abroad. The skills learned through

studying law are useful in all walks of life. A law degree teaches students to think logically and analytically. It also equips students with the ability to carry out research, to apply relevant information to problems, to use language precisely, carefully and objectively.

Law degrees and professional qualifications

No law degree entitles a person to practise law as a solicitor or barrister. If you wish to go on to obtain a professional qualification, the governing bodies for the profession require that you study certain modules in your primary law degree. Our Single and Joint Honours Law degree programmes are designed to ensure that you have the opportunity to take these required modules. Students reading for a Joint Honours law programme, who would like to go into professional legal practice after their degree, will need to ensure they pursue the professional pathway (taking law as a major subject) from the second year of studies onwards. Our programmes also offer additional modules currently required for entry into the UK professional bodies.

All students considering a career as a lawyer should consult the relevant professional body of their preferred jurisdiction to ensure they satisfy all entry requirements.

Your degree and what you'll study

Law at Trinity College Dublin is a four-year honours degree programme. In the first two years, you will take foundational and professional modules, ensuring there is an appropriate balance between the academic and practical aspects of law. The Single Honours degree in law offers students the opportunity to study law in depth and breadth – with a wide offering of modules available to choose from in your final years of studies. This allows you to tailor your studies to develop specialised areas of interest — for example media law and Intellectual property law, corporate law or

Special entry requirements

Leaving Certificate	H3	French (TR018)
	H3	German (TR019)
Advanced GCE (A Level)	O4/H6	Maths (TR580)
	Grade C	French (TR018)
GCSE	Grade C	German (TR019)
	B/6	Maths (TR580)

human rights law — or to continue down a general route. You will apply and enhance the research skills that you have developed in the previous three years of the programme by completing a Capstone Project. Working as part of a research group, you will work both independently and collaboratively to explore in-depth a topical issue. You will learn the skills of a lawyer: how to research the law, how to make legal arguments, how to use the law to protect and serve your clients.

A distinctive feature of the Single Honours law degree is that you will also complete some modules outside of the School of Law. This will give you the opportunity to choose to study modules in a related discipline, or an unrelated discipline that is of interest to you. This is relevant both if you choose to pursue a career in the legal profession or if you follow an alternative career path.

First and second years

Modules that students can take in their first two years of study include:

- Constitutional Law
- Foundations of Law
- Jurisprudence
- Land Law
- Torts
- Contract Law
- Criminal Law
- Equity
- Legislation and Regulation
- Private Law Remedies

Third and fourth years

Modules that students can take in their latter years of study include:

- Administrative Law
- Collective Labour Law
- Critical Perspectives on Law
- European Human Rights
- Family and Child Law

- Industrial Property Law
- Intellectual Property Law
- Information Technology Law
- Legal Philosophy
- Medical Law and Ethics
- Responsible Business, EGS and Ethics
- Commercial Law
- Corporate Governance
- Current Issues in Constitutional Law

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Offered in the final year of the LL.B. programmes, 35-40 students undertake a placement in a legal practice setting in a partner organisation in the private, public or not-for-profit sectors. Students also attend a lawyering class in which they develop their understanding of professional legal skills and legal ethics. We are privileged to have many of the leading legal practice settings in the State, in each of the private, public and not-for-profit sectors, among our partner organisations which offer placements. The lawyering class complements the placement by enabling students to identify and develop the skills, values and knowledge necessary for making the transition from the academic study of law to its application in a real-world setting.

Assessment in law degrees is by a combination of coursework and semester examinations. As a reflection of the different teaching practices, a diverse range of assessment methods is used, including case notes, essays, reflective journals, mock parliaments, contribution to web-discussion boards, response papers and research dissertations. Students are advised at the beginning of the teaching semester about the assessment methods in each module.

Study abroad and internship opportunities




Third year students may apply to study abroad in a prestigious European university with the EU-funded Erasmus programme. We also have links with leading universities in North America, Australia, Hong Kong and China which you may choose to apply to spend a semester or year in. These programmes are highly successful and are an extremely popular amongst our students each year. Further information on the year abroad programme, and a list of partner universities, can be found at: www.tcd.ie/law/programmes/undergraduate/study-abroad

Other courses you might enjoy

TR018/TR019: Law and French/German, page 112

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-  www.facebook.com/trinitycollegedublinlaw
-  [@TCDLawSchool](https://twitter.com/TCDLawSchool)

Visit the Law school:

If you are considering studying for a Law degree at Trinity but want to be sure, you are most welcome to attend first and/or second year Law lectures. If you would like to avail of this opportunity, please contact us by email to arrange a visit.

See our website and Facebook page for details of the Law Open Day.



Law and French/German

LL.B./B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR018 (French)	577	15	4 years
TR019 (German)	532	15	4 years



What is Law and French/German?

Ireland's membership of the European Union, combined with globalisation, makes it more important than ever that lawyers have an understanding of other legal systems and cultures.

The Law and French and Law and German degree courses satisfy these needs. Students will have a grounding in Irish Law, fluency in a second European language and knowledge of the general culture, political, economic and sociological make-up of France or Germany. Students on this programme will follow the same Law structure as those reading for a Joint Honours degree (see page 110), but the programmes is structured to ensure access to modules required for entry into the legal professional bodies in Ireland for those looking to pursue a Bachelor in Laws degree.

Students on this degree will exit with a Bachelor of Laws (LL.B.) or B.A. award depending on their focus of studies and the pathway that they choose in their final year. Students may also follow the Single Honours Pathway (LL.B.) from their second year onwards and drop their second subject completely.

DO YOU ENJOY...

Questioning and challenging issues?

Learning about the culture, economic and sociological make-up of France or Germany?

Conversing in and learning French or German?

Law and French/German: The course for you?

If you like to be challenged and intellectually stimulated, have a keen interest in the cultural, social, historical and political backgrounds of France or Germany and would like to learn a second language, then one of these degrees is for you. Legal training requires the ability to think logically and critically, precise and careful use of language, good writing skills and a facility for articulate expression are key attributes for legal scholars.

Law and French/German at Trinity

The Law and French and Law and German degree programmes offer a unique opportunity to study core legal modules and also the language, culture and political systems of France or Germany. Students must undertake an Erasmus year in France or Germany, exposing them to the law of that legal system. The class sizes are small, fostering a close collegial relationship with peers and members of both schools.

Graduate skills and career opportunities

Graduates of this programme have much to contribute to the legal and other professions in Ireland, as well as enjoying career opportunities in Europe. Whether students' career goals lie in leadership, foreign affairs, public sector, media, business and finance, journalism, academia, the EU or a not-for-profit organisation, a Joint Honours degree will be ideally suited as a platform for attaining those goals.



WHAT OUR CURRENT STUDENTS SAY
Mary Ellen Linzel
Law and German (Junior Freshman)
The close-knit community that is Law and German is what I like most about my course. It is a small course with only 15 places, however you still attend lectures with the rest of the Law or German courses. The large law faction in tandem with the relatively small Germanic department is the perfect combination in my eyes.

Law degrees and professional qualifications

No law degree entitles a person to practise law as a solicitor or barrister. If you wish to go on to obtain a professional qualification, the governing bodies for the profession require that you study certain modules in your primary law degree. Students reading for any Joint Honours law programme, who would like to go into professional legal practice after their degree, will need to ensure they pursue the professional pathway (taking law as a major subject) from the second year of studies onwards (see opposite). Our programmes also offer additional modules currently required for entry into the UK professional bodies.

All students considering a career as a lawyer should consult the relevant professional body of their preferred jurisdiction to ensure they satisfy all entry requirements.

Special entry requirements

Leaving Certificate	H3	French (TR018)
	H3	German (TR019)
Advanced GCE (A Level)	Grade C	French (TR018)
	Grade C	German (TR019)
International Baccalaureate	HL Grade 6	French (TR018)
	HL Grade 6	German (TR019)

WHAT OUR GRADUATES SAY

Yewhoan Hong

The Law School boasts strong diplomatic relationships with various foreign law schools. I was lucky to have spent my third year in Strasbourg, France. Needless to say it has been a life changing experience: not only was I able to improve my French, I met some great people from all corners of the globe with whom I made many memories. Within the school there are some great minded people. The friends you make here will last your lifetime. This, on top of everything, has made my time here all the more memorable.

Your degree and what you'll study

First and second years

In the first and second years, you will study a variety of foundational and professional law modules, taken alongside students reading for our single and joint honours law programme. You will take less law modules than a single honours student will take. These modules may include: Foundations of Law I and II, Contract Law, Criminal Law, Constitutional Law, Torts, Equity and Land Law. The number available to you will be determined by the direction of your course of studies, and degree you wish to pursue from your second year onwards. The remainder of your studies will be taken up by modules in your other subject which will include French/German language, cultural, historical and political modules.

At the end of the first year of your programme, you can choose to major in law (we refer to this as the 'professional pathway' – leading to the degree of LL.B. (Ling. Franc) or you can major in French/German (resulting in a B.A. degree). You may of course choose to continue studying both subjects equally (B.A. Law and French/German) or move into Single Honours Law (LL.B.). Students considering a career in the legal profession after their degree will have the opportunity to take all the required modules if they choose the 'professional pathway'. Nevertheless, there will still be ample opportunity to continue with your studies in French/German.

Third and fourth years

Your third and fourth years will be spent taking advanced modules in Law and/or your other subject. If you are taking French or German, you must spend your penultimate year in a university in France or Germany. In the final year, depending on the pathway that you take, you will have the opportunity to focus on developing areas of interest and complete a research project on a topic of your choice. Students on the LL.B. pathway will have the opportunity to engage in a legal placement (see page 110).

In your final year, depending on the pathway that you take, you will have the opportunity to focus on developing areas of interest in Law and/or French or German modules on literature, culture, history and society. You will also be required to complete a research project on a topic of your choice.

A combination of assignments and aural, oral and written examinations is used to assess student's competency and retention of key facts.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Students must undertake an Erasmus year at one of Trinity's partner universities in France or Germany, exposing them to the law of that legal system. Further information on the year abroad programme, and a list of partner universities, can be found at: www.tcd.ie/law/programmes/undergraduate/study-abroad/

Other courses you might enjoy

TR004: Law, page 110

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- www.facebook.com/trinitycollegedublinlaw

www.tcd.ie/french

french@tcd.ie

www.tcd.ie/germanic_studies

undergraduate.slcs@tcd.ie

Visit the Law school:

If you are considering studying for a Law degree at Trinity but want to be sure, you are most welcome to attend first and/or second year Law lectures. If you would like to avail of this opportunity, please contact us by email to arrange a visit.

See our website and Facebook page for details of the Law Open Day.



Philosophy

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR005	487	20	4 years
Joint Honours (see below)	462-625	43	4 years



TR005 Philosophy is studied as a Single Honours subject AND Philosophy is studied as a Joint Honours subject with one of the following options:

- TR179 Classical Civilisation
- TR209 Economics
- TR269 English Studies
- TR449 History
- TR479 History of Art and Architecture
- TR589 Linguistics
- TR599 Mathematics
- TR629 Music
- TR639 Modern Language* (French, German, Italian, Russian)
- TR662 Sociology

* See page 84 for language options and requirements

DO YOU ENJOY...

- Challenging and questioning the assumptions of your society and of generally accepted views?
- Arguing and debating about fundamental questions of human existence and value?
- Engaging with great thinkers, reading, assimilating and responding to them?



What is Philosophy?

Philosophy is an intellectually exciting discipline in which fundamental questions of human existence, value and society are examined, debated and challenged. Its methods are reason and argument and philosophy students are given the skills to reason and argue clearly, cogently and effectively. Rather than a body of doctrine, philosophy is a method or a way of approaching abstract general questions such as what is a good life, what is the fundamental nature of reality, what is the purpose (if any) of human existence?

Philosophy: The course for you?

This course offers the opportunity to engage in depth with questions of metaphysics (about the fundamental nature of reality), epistemology (the theory of knowledge), ethics (theories of right and wrong), political philosophy (the nature of the just state), philosophy of mind (questions about thought, language and reason) and various other areas. Trinity's Department of Philosophy, staff are world-recognised specialists in their respective areas of expertise. The department's approach is predominately, but not exclusively, within analytic philosophy, which focuses on conceptual analysis and logical precision, and is unique in this respect in Ireland.

Philosophy at Trinity

Our department is small and student-friendly while offering a world-class programme in philosophy. We teach courses which have both systematic and historical emphases and in the higher years students can choose options and get to write a thesis on a topic of their own choice. Trinity Philosophy students have regularly won prizes at the International Undergraduate Awards competition and also have gone on to the major graduate programmes in the world. There is a lively student society, the Metafizz, which offers the opportunity of combining social activities with philosophy.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

Graduate skills and career opportunities

In the recent past, graduates of Philosophy have worked in areas as diverse as accountancy, academic teaching, journalism, law, TV reporting and research, filmmaking, banking, computing and advertising. Each year some graduates also opt to pursue a research career, beginning with postgraduate study in Ireland or abroad.



Research on graduate entry aptitude tests in the US (GRE) show that philosophy graduates outscore all other disciplines in two of the three main areas (verbal reasoning and analytical writing) and tend to do well in the third, quantitative reasoning. The kind of reasoning and analytical competencies acquired in studying philosophy are transferable to a multiplicity of careers.

Your degree and what you'll study

The Philosophy course is designed to give you a solid, scholarly grounding in the classical texts that form the history of Western philosophy, and are one of the formative influences on Western culture. Studying the fundamentals of both formal and informal reasoning will support you to think independently.

First and second years

In the first two years, you will study foundation courses in the history of Philosophy, as well as engage with certain fundamental philosophical problems such as the debates about free will and determinism, the nature of morality, the nature of language, the existence of God, logic, and the scope and limits of human knowledge.

In the Joint Honours programme, where Philosophy is studied with another subject, there are approximately five hours of classes per week; with double that for the Single Honours programme.

Third and fourth years

In the final two years, you are able to set your own syllabus by selecting courses from a reasonably wide choice including political philosophy, ethics, and philosophy of mind, among others. In this way you can specialise in the areas of philosophy you have found most interesting and most suitable to your skills.

Assessment is by means of both essays and formal examinations with equal importance given to both. In fourth year, you will undertake a Capstone project.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Philosophy is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96.

Study abroad

Students have attended a wide variety of universities in different countries, generally in their second year. As we do not require students to attend a specific university, there is a great choice available (students choose a university in consultation with teaching staff). Further information on the year abroad programme, and a list of partner universities, can be found at: www.tcd.ie/ssp/undergraduate/study-abroad

GET IN TOUCH!

www.tcd.ie/philosophy/courses/undergraduate
E philosophy@tcd.ie

Visit us:

If you are considering studying for a Philosophy degree at Trinity but want to be sure, you are most welcome to attend first and second year lectures. Contact us by email to arrange a visit.



WHAT OUR GRADUATES SAY

Holly Ronayne

Studying philosophy at Trinity has been an incredible experience. The course covers such a wide range of topics, so it's easy to get a taste of everything and figure out which areas you like the most. I love that in philosophy seminars, we all get to discuss our ideas on class material together, which is fantastic for hearing different perspectives you might not have come up with on your own.... Studying philosophy makes you more aware of the nuances of ethical problems in today's world. It provides a lot of useful cultural information, and makes you look at the world in a closer, more inquisitive way.

Philosophy, Political Science, Economics and Sociology, (PPES)

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR015	601	34	4 years

What is PPES?

Philosophy, Political Science, Economics and Sociology (PPES), offers a coherent and integrated introduction to the study of social sciences and philosophy. It brings together some of the most important approaches to understanding society and, in doing so, develops skills for a whole range of future careers and activities.

Central to the programme is the analysis of social and human phenomena through the lens of several complementary disciplines and analytical frameworks. By allowing a gradual specialisation over the course of the four-year degree programme, students ultimately obtain an excellent grounding in one, or two, of the disciplines that comprise the course.

DO YOU ENJOY...

Analysing social, economic, and political issues?

Developing your own arguments and theories?

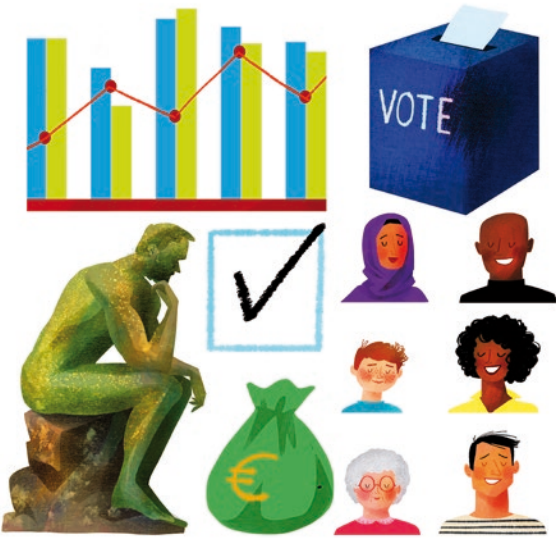
Formulating your own policy proposals?

Particularly appealing is the complementarity across the PPES disciplines. For example, while the well-publicised rise in inequality has economic origins, it has political and sociological ramifications. Moreover, the question of whether to address it is fundamentally a philosophical one. A training in PPES enables students to analyse such issues rigorously and comprehensively. As such, it provides an excellent training in analytical thinking, a skill highly prized by employers.

PPES: The course for you?

This course draws on the methods and insights from both philosophy and the social sciences, to examine the way societies are organised, governed and create wealth. If you are curious about the way our world is structured and how it has evolved over time, this may well be the course for you.

A great strength of PPES is its flexibility and the way it facilitates a range of possible subject concentrations and career trajectories. Even within disciplines there is a wide range of subject offerings. Within economics, for instance, students could study the workings of financial markets or, taking a more long-run perspective, study why some countries have become richer than others over time. While all students attain a broad training in their first two years, the final two years allow students to cater the programme to their own strengths and interests. Depending on your interests, by your third year you could be either analysing exchange rate movements or Plato's Republic – or indeed doing both! Few courses anywhere offer such scope and diversity.



PPES at Trinity

Trinity is the only university in the Republic of Ireland that offers this broad combination of subjects in a single programme. Other institutions, including Trinity, offer two subject combinations such as Economics and Political Science or Economics and Philosophy, but PPES offers the opportunity to study these four fascinating subjects together. Following the first two years, the programme facilitates two years of greater specialisation in either one or two of the subjects. At Trinity, we have world-class teachers and researchers who are committed to providing rigorous, interesting and challenging courses.

Graduate skills and career opportunities

With technology increasingly replacing routine tasks, employers today value the ability to think creatively and to develop innovative solutions to complex problems. A strength of PPES is it provides students with such a training. Having studied a number of disciplines and developed numerous analytical skills, this degree confers the insights and skills to pursue careers in a variety of areas including public administration, teaching, journalism, media, law and management. Moreover, Philosophy, Political Science, Economics and Sociology also offers the opportunity to specialise and target certain career paths. Students specialising in economics, for instance, can pursue careers in finance, consulting, and public policy. Testifying to its breadth, graduates have pursued a variety of career paths after graduation. Recent graduates have pursued careers in such varied workplaces as Accenture, Augustus Cullen Law, Channel 4, Bank of Ireland, Deloitte, the Irish Central Bank, Greenpeace, and RTE.

Special entry requirements

Leaving Certificate	O4/H6	Mathematics
GCSE	Grade B/6	Mathematics
International Baccalaureate	SL Grade 5	Mathematics

Your degree and what you'll study

First year

In first year you will take introductory modules for all four subjects: Economics, Philosophy, Political Science and Sociology. This will give students a core grounding in the theory of these subjects and their application in the real world.

Second year

In second year you can choose to continue with one, two or three of the subjects and could, depending on your subject choices, take modules ranging from Intermediate Economics, to the History of Philosophy to International Politics, to an Introduction to Social Theory. Additionally, depending on the pathway that you decide upon, you can choose from a wide range of Designated Open Modules and Trinity Electives

Third and fourth years

In third year you concentrate on one or two of the four subject and, in addition, depending on pathway of choice, can take modules from a range of Designated Open Modules and Trinity Electives

In the fourth year you may choose to take one or two subjects and can exit with a Single Honours, Major with Minor or Joint Honours award. All Students will complete a Capstone project in their final year.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Studying PPES at Trinity

Year 1 – Study all 4 of the subjects below

Philosophy	Political Science	Economics	Sociology
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Possible Awards

Single Honours	Major with Minor	Joint Honours
Philosophy	Philosophy with Political Science, Economics, OR Sociology	Philosophy and Political Science
Political Science	Economics with Political Science, Philosophy, OR Sociology	Philosophy and Economics
Economics	Political Science with Economics, Philosophy, OR Sociology	Philosophy and Sociology
Sociology	Sociology with Economics, Philosophy, OR Political Science	Economics and Political Science
		Economics and Sociology
		Political Science and Sociology

Study abroad

In third year, students have the opportunity to apply to study abroad in a prestigious European university with the EU-funded Erasmus programme. In addition to Erasmus programmes in Europe, the four departments also have bilateral links with leading universities across the world. Our exchange programmes are highly successful, and are an extremely popular option for PPES students each year. Participating students find that they are hugely enjoyable, academically and culturally rewarding, and appeal to prospective employers. Further information on the year abroad programme, and a list of partner universities, can be found at: www.tcd.ie/ssp/undergraduate/ppes/current/study-abroad

Other courses you might enjoy

TR005: Philosophy, page 114

TR081: BESS, page 102

Political Science (Joint Honours), page 118

GET IN TOUCH!

www.tcd.ie/ssp/undergraduate/ppes

ppes@tcd.ie



WHAT OUR GRADUATES SAY

Hannah Treanor

When researching courses during my final year of secondary school, it was the PPES degree which struck a chord with me. The small class size, range of subjects and the fact that it was the only course of its kind in the Republic of Ireland, made PPES stand out. Within the first few weeks, I knew I had made the right decision, having found a set of like-minded individuals who consistently helped balance academic pressures with humour and encouragement.

The range of courses offered on the course, overlapped much more than expected, while still providing a good insight into what each field entailed. This coupled with the opportunities afforded to me by Trinity, including spending a year studying at McGill University in Canada, along with college society involvement, has meant that my experience studying PPES has been an absolute joy, equipping me with the desired broad skillset essential in the pursuit of both career aspirations and further study.



Political Science

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	553-625	59	4 years



Political Science is studied as a Joint Honours subject with one of the following options:

TR328 Geography
TR457 History
TR582 Law
TR758 Social Policy

Political Science can also be studied as part of Philosophy, Political Science, Economics and Sociology (PPES), page 116 or Business, Economics and Social Studies (BESS), page 102.

Political Science: The course for you?

Political Science will appeal to students who are excited about exploring the background to current events, the nature and use of power and how decisions are made that impact on wider society. If you are interested in having an in-depth knowledge of public affairs, developing critical and much sought after research skills and if your career interests lie in journalism, public service, teaching, public policy, international organisation and/or business then Political Science may be for you.

Political Science at Trinity

Political Science has been an important part of the curriculum since 1855 and Trinity has developed an international reputation for its research work on the European Union, comparative politics, comparative public opinion, international relations as well as democracy and development.

What is Political Science?

Political Science is the study of governments, public policies and political behaviours. Politics affects us all in our daily lives. It is easy to think of issues that we all have opinions about. Should the government tax the rich to try to achieve greater equality? Should it introduce 'green taxes' in order to protect the environment? How high a priority should development aid be? What are the causes and consequences of 'Brexit'? Questions such as these, along with analysis of political systems, political behaviour, international relations and how democracy works, are at the heart of the study of political science.

The study of politics as an academic subject involves, among other things, thinking about how these decisions get made. If it is not possible to keep everyone happy, whose views should prevail and why? If governments do not always make what seems to be the most 'rational' decision on economic policy, why not? How much say do ordinary people have in policy-making, and is it feasible to make the decision making process more open? Other big questions we study include issues such as: why don't democracies go to war with each other? Why do civil wars last so long and why are ethnic conflicts more difficult to resolve than other forms of conflict?



Graduate skills and career opportunities

There are careers for which a demonstrated interest in politics and advanced research skills are a definite plus and will give you a real head start. Journalism, finance, the civil service, public relations, business, and work in international organisations and not-for-profit organisations, all come into this category. A demonstrated knowledge of how the world works is obviously an asset for many types of career. In addition, Political Science students develop exceptional communication, writing and critical thinking skills which are highly sought after by employers. An increasing number of graduates go on to do further postgraduate study.

WHAT OUR GRADUATES SAY

Éamonn Fahey

The Political Science Department provided me with an exceptional academic experience. Over my four years of study, I developed a well-rounded understanding of the subject. With the country's best resourced library, a vast online academic infrastructure and a department staffed by world leading academics, the University really helped develop my capabilities as a political scientist. I would recommend the department to any student with an interest in social science looking to begin a challenging and rewarding journey.

Your degree and what you'll study

Please see the individual course descriptions for Philosophy, Political Science, Economics and Sociology (PPES), and Business, Economic and Social Studies (BESS) and Joint Honours pages for Geography, History, Law and Social Policy for the Joint Honours courses offered with Political Science.

First year

First year students will be given a grounding in core topics related to the course material, including Introduction to Political Science, Introduction to Sociology, Introduction to Economics

Second year

Second year students will advance their understanding of the core concepts covered in the first year to take in subjects such as History of Political Thought, International Relations, Comparative Politics

Third and fourth years

The following is a list of the modules typically on offer: Research Methods, Irish Politics, Democracy and Development, European Union Politics, Political Institutions of the US, Political Psychology, Political Violence, Political Theory: Contemporary Topics, Issues in Contemporary Politics, Contemporary International Relations, African Politics, Autocracy, Economic Inequality and Democracy.

Some courses are examined by a combination of assessed essays and formal examination; some others are assessed through coursework only. Normally, each course has two hours of lectures and one tutorial per week. In fourth year, students specialising in Political Science will have the opportunity to research and undertake a Capstone research project on a topic of their choice. Final year classes are typically run as small group seminars.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

The Department of Political Science is a partner in Erasmus exchanges with leading universities in Europe. Students taking Political Science as a subject in Joint Honours may also go abroad on an exchange administered by other departments, subject to approval of their course of study abroad by the Department of Political Science. In addition there are opportunities for students to go on one of several international exchanges. These are open to all students on a University wide basis. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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www.tcd.ie/Political_Science/programmes/undergraduate

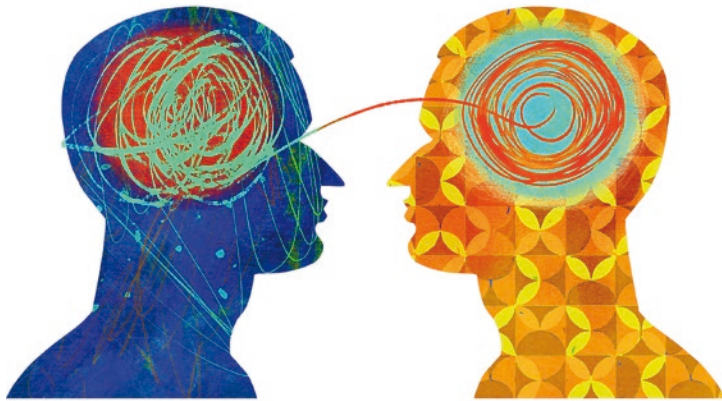
E polsci@tcd.ie



Psychology

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR006	577	40	4 years



What is Psychology?

Psychology is the study of human behaviour and mental processes. It includes topics such as infant and child development, perception, learning, motivation, cognitive processes (like memory and problem solving), individual differences and social psychology, and has many of the features of a science course, such as practical work, statistical description and analysis of data and courses on the underlying physiology of the human brain.

Psychology: The course for you?

The School of Psychology aims to offer a knowledge base and a set of skills that not only equip students for the many careers that exist in psychology, but also prepare students intellectually for other careers.

Psychology is a branch of science that demands clear, rigorous thinking, numeracy and the ability to define, study and solve problems in complex, changing settings. It is also an applied science that deals with how people act and behave in the real world and provides support for people in their social life and work, for example, through clinical and counselling interventions. If you are interested in the factors influencing human thinking, feeling and behaviour you will enjoy this course.

DO YOU ENJOY...

Analysing other people's behaviour?

Trying to understand how the brain works?

Conducting your own research to answer questions?

Psychology at Trinity

Trinity's School of Psychology is ranked in the top 100 universities for Psychology (QS World University Rankings by Subject 2023). As well as offering high-quality teaching, the school collaborates with a number of other disciplines through Trinity College Institute for Neuroscience, the Trinity Centre for Global Health, and the Trinity Centre for Innovative Human Systems.

Students are encouraged to become actively involved in our ongoing research, particularly in the third and fourth years of their studies. The Single Honours degree confers eligibility for graduate membership of the Psychological Society of Ireland and provide the basis for entry to postgraduate programmes, such as those in clinical psychology and counselling psychology.

Graduate skills and career opportunities

Many psychology graduates proceed to a career in professional psychology through professional training. The School of Psychology itself offers a range of postgraduate programmes including professional doctorates in Clinical Psychology and Counselling Psychology, Masters degree courses in Applied Psychology and Applied Behaviour Analysis, as well as online postgraduate qualifications in M.Sc. in Global Mental Health, Managing Risk and System Change, the M.Phil./P.Grad.Dip. Psychoanalytic Studies and research M.Sc. and Ph.D. degrees. However, the advanced understanding of human behaviour and experience and the wide range of skills developed during the course have allowed students to enter many professions, ranging from management, marketing, advertising and accountancy, to journalism, broadcast media, teaching and recruitment. Seminars about career development will be provided by the school during the course of your degree.

Your degree and what you'll study

The course is designed to develop knowledge and understanding of the concepts, principles, theories, and research methods of contemporary psychology; to develop skills of analysis and synthesis, problem-solving, research design, and statistical description and evaluation using the Python programming language; to provide practice in the design, execution, reporting and critical evaluation of research; and to develop competence in group work, communication and presentation skills, and self-assessment.

During the lecture term, students spend approximately 10-12 hours per week receiving tuition such as lectures, tutorials, seminars and laboratory practicals.

First and second years

As a first and second year student, you will take foundation-level modules in a range of areas such as: Historical Foundations of Psychology; Social Psychology; Perception; Psychological Disorder; Developmental Psychology; Cognition and the Brain, the Psychology of Language; Thinking; Fundamentals of Neuroscience and Behaviour; Evolutionary Psychology; Personality and Individual Differences; Research Methods and Statistical Analysis.

You will also be given the opportunity to take modules from other programmes across the university.

Third and fourth years

By third year you will have identified areas within psychology that are of particular interest to you and you will have the opportunity to develop these interests throughout third and fourth year, by choosing modules from a series of advanced options.

On completion of the course, students must have taken at least one module from each of the five specified thematic areas (Biological, Social, Developmental, Cognitive, and Personality and Individual Differences). Some of the modules offered in recent years include:

Neurological Rehabilitation; Advances in Neurotherapy: From Molecules to Prosthetics for Neuropsychiatric and Neurological Disorders; Developing Brains, Developing Persons: From Culture to Consciousness; Case studies in Neuropsychology; Making Sense of Action; Social Neuroscience; Advanced Psychology of Language; The Psychology of the Climate Crisis; Workplace Wellbeing; Human Factors and Organisational Factors; Child Development in Changing Family Contexts; Applied Issues in Developmental Psychology; Child and Adolescent Clinical Psychology; Child Health and Wellbeing; Human Reasoning; Creative Cognition; Development of Perception Throughout the Lifespan; Perceptual Neuroscience; Health Psychology; Psychology of Criminal Behaviour; Global Mental Health; Emotion and the Brain.

In fourth year a large part of your workload involves carrying out an independent Capstone project under the supervision of a member of staff. Many students report that this project, while challenging, is one of the most rewarding parts of the course.

A combination of end-of-semester written examinations and continuous assessment is used. In your final year, you will also undertake a Capstone project.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad opportunities

Second-year undergraduates are eligible to apply to study for one or more semesters of their third year in certain other European psychology schools, and, where appropriate, some subsistence funding is provided by the EU Erasmus fund, and there are no additional course charges to be paid while abroad. Assessment is carried out in the host institution and marks are translated so that full course credit is recognised in TCD. The School of Psychology has bilateral agreements with several European universities, including the University of Helsinki, Freie Universität Berlin, Erasmus University Rotterdam, Groningen University and Université Paris Diderot. In addition, the university has learning agreements with a wide range of international institutions and placement in such locations is facilitated by the college's international exchange programme. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

GET IN TOUCH!

www.tcd.ie/psychology

psychology@tcd.ie



WHAT OUR GRADUATES SAY

Sinéad Moylett

After observing the work of an educational psychologist while working with individuals with autism and from other experiences working with Intellectual disabilities, I choose to study Psychology. The broad range of topics that I was able to study on the course, from health psychology to neuroscience, could have prepared me for a number of career paths not just within Psychology, but also in the wider world. I enjoyed my time so much during my degree, that when it came to choosing a field in which to complete a Ph.D., I felt that there was only one real choice.



WHAT OUR CURRENT STUDENTS SAY

Lisa Gannon

Psychology has not only prepared me for my future career, it has prepared me for life. As a psychology student I have gained fascinating insights into the enigmatic human mind and the peculiarities of human behaviour. The diverse and comprehensive range of modules offered in psychology as well as the vast array of helpful resources made available by the school have equipped me with a rich theoretical understanding of the human psyche and an aptitude for critical thought. I hope to use the knowledge and skill I have gained through studying psychology to make a positive and valuable contribution to society.



Social Policy

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	532-625	28	4 years



Social Policy is studied as a Joint Honours subject with one of the following options:

- TR214 Economics
- TR758 Political Science
- TR759 Sociology
- TR757 Modern Language*
(French, Italian, German, Russian)

* See page 84 for language options and requirements

What is Social Policy?

Social Policy entails the study of those social relations shaping human welfare and wellbeing and analysis of the means by which governments achieve citizen's wellbeing through the formation of policies, provision of services and responding to social issues and problems. As a course of undergraduate study, Social Policy fits with a commitment to advance the cause of a just, pluralistic and sustainable society. The course encourages engagement with wider society and civic engagement through modules on issues such as refugee policy, ageing and the

DO YOU ENJOY...

Contemplating how we can make our societies a better place to live?

Using evidence to make decisions which affect people?

Learning about how to develop long-term policy solutions to current social issues and problems?

lifecourse, youth, reproductive rights, social inequality and disability. A global outlook is a reoccurring and integral part of the course.

Our curriculum aims to give you a thorough training in the systematic analysis of contemporary social issues and the role of social policy in comparative country contexts. At the end of your four years you should have developed both a general understanding of the field of social policy and specific expertise in select contemporary policy issues, the process of policy making and the skills of research, analysis and argumentation applicable to the policy arena.

Social Policy: The course for you?

Curious about social and economic policy issues around the world? Searching for a course that demands both academic and vocational qualities? Interested in understanding society, its social problems and have a desire to make a difference? Then Social Policy may be the subject choice for you. It is particularly relevant to students intending to pursue a career in research, social policy analysis and evaluation, management and planning within the social services, both voluntary and statutory, as well as to those with a general interest in society and social policy.

Social Policy at Trinity

Trinity's School of Social Work and Social Policy strives for an ethos that values multi-disciplinary scholarship; research-led teaching; a diverse student base; a student-centred approach to education and pastoral care; public service; partnership with colleagues in other parts of the University, and with colleagues in other institutions; international experience, connections and integration between teaching, research and policy influence. Social Policy in Trinity ranks in the top 100 universities worldwide (QS World Rankings by Subject 2022), making Social Policy at Trinity the highest ranking university in Ireland.

Pathways

The pathways available are Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

Graduate skills and career opportunities

The range of employment opportunities in the area of social and public policy continues to expand. This is a particularly relevant degree for those interested in pursuing a career in the formulation of policy in the public sector, community development and voluntary/non-profit sectors. Graduates of Social Policy at Trinity have secured employment as social researchers, policy analysts government advisors and journalists recruited by companies such as Eurodesk (Brussels Link), Web Summit, Inner City Organisation Network, Focus Ireland, Migrant Rights Centre, the public service, and various education facilities, to name but a few. The course also provides a solid foundation for specialist postgraduate courses in the areas of social research, social policy and social work.

WHAT OUR GRADUATES SAY

Laura Bambrick

Studying social policy at Trinity opened up opportunities beyond my imagination in giving me a world-class education from lecturers who continue to support me long after I graduated. After Trinity, I completed a Masters and Ph.D. in social policy at the University of Oxford. I worked in the office of the Assistant Secretary General at the United Nations headquarters in New York; in the social justice and policy unit of the Society of Vincent de Paul national office; in the minister's office in the Department of Social Protection and in the office of the Tánaiste. I am currently the Social Policy Officer at the Irish Congress of Trade Unions.

Your degree and what you'll study

The fundamental aim of the degree programme is to give students a thorough training in the systematic study of social policy, contemporary social issues and how policy works. Teaching methods include lectures, seminars and group project work utilising innovative approaches enhanced by digital technologies. Assessment is by a combination of continuous assessment, written submissions, class presentations, examinations, real-world relevant assignments (such as policy case studies or ministerial briefings) and a final year Capstone project.

First and second years

In first year you will take introductory modules in Social Policy Concepts and Social Policy in Action and skills-based modules on Accessing and Reviewing Scholarly Literature in the field of Social Policy as well as a module in Critical Analysis and Argument Development.

The second year places greater emphasis on social policy issues offering modules including Poverty in Society; European Refugee Policy; Citizen Participation in Research & Policy and Health Policy. You will also be given the opportunity to take modules from other programmes across the university under the Approved Module and Trinity Electives model. This can include other social science modules such as Economy of Ireland; Economics of Public Policy; History of Political Thought; International Relations; Comparative Politics; Introduction to Irish Family Law; French, German, Russian, Polish language, and Trinity Electives. In first and second years students typically have two lectures and one tutorial per week for each module.

Third and fourth years

The choice of modules available in third year typically includes modules such as Global Social Policy, Youth and Society, Aging and Intergenerational Relations, and Policy Issues in Human Services.

Again in third year, student have the option to take modules from other programmes across the university under the Approved Module and Trinity Electives model. Third year students also have the option to study abroad in a European or international university.

The choice of modules available in fourth year typically includes: Eco-Social Policy, Disability and Global Human Rights, Regulating Reproductive Bodies and a research methods module covering statistical analysis, documentary and policy analysis as well as qualitative research skills. In the final year you will research and write a Capstone project on a topic of your choice under supervision from a member of our School.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Students have the opportunity to study abroad in their third year at prestigious universities in Europe through the Erasmus programme as well as through non-EU international exchanges. You may participate in full-year or half-year exchanges with partner institutions in countries such as Sweden, France, Malta, Finland and the Czech Republic. In addition, you can compete for a smaller number of places on university-wide non-European exchanges with partners in Australia, Singapore, China, Japan, Hong Kong, Brazil, Canada and the USA in your third year. Most partner universities offer their courses through English. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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www.tcd.ie/swsp/undergraduate

socpol@tcd.ie

WHAT OUR GRADUATES SAY

Julianne Flynn

Social Policy is the ideal course for someone who is passionate about social issues and curious to learn. Its unique blend of theory and policy gave me a greater awareness and understanding of a range of contemporary issues, from poverty inequality to conflict resolution. From a social perspective, the small class size makes the transition from school less daunting and provides great opportunity to study with like-minded people. I was also given the unforgettable opportunity to study for a year at University of Melbourne.



Social Studies (Social Work)

B.S.S. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR084	401	45	4 years



What is Social Studies?

The B.S.S. is a professional degree designed for students who wish to become social workers and who believe they have the personal attributes and motivation for social work.

This degree combines an academic social science degree with professional social work training. Graduates are eligible to apply for registration with CORU (Irish Social Work Registration Board) and once registered can access employment in a wide range of social work posts in Ireland. Graduates can also apply for registration in the UK and internationally.

Social work is a profession concerned with supporting and helping people in a variety of situations and settings. People who use social work services include young and adult offenders, children, families, older people, people with mental and physical illness and disability, homeless people, unemployed people, ethnic groups, Travellers and people with drug and alcohol problems. Ultimately, social work aims to support people to live more successfully, within their communities, by helping them to find solutions to their problems.

DO YOU ENJOY...

- Helping others?
- Communicating with people and listening to them?
- Learning to cope with stressful situations?

WHAT OUR GRADUATES SAY

Ciaran Carroll

The B.S.S. degree was a fantastic experience for me from a professional and personal level. From an academic perspective four years spent in the heart of Dublin studying in one of the most prestigious colleges in the world is an opportunity not every student gets to experience. The B.S.S. degree has a wide variety of modules in years 1 and 2, and focuses very much on the core social work modules in years 3 and 4. Expert guidance and support is provided from lecturers, the social work department, college tutors and placement tutors throughout your four years at Trinity.

On completion, the B.S.S. degree leaves you in a very strong position to find the social work job of your dreams.

Social Studies: The course for you?

Social Studies could be the right course for you if you wish to work in a caring and challenging profession. Most importantly, it is the right course for you if you have the ability to problem solve, a willingness to make challenging decisions alongside a strong desire to effect positive change.

Social Studies at Trinity

This is one of only two undergraduate programmes in Ireland which qualifies students to a professional level in social work. A qualification in the area of social work has been taught in Trinity since 1934, making it Ireland's oldest and most internationally renowned social work programme.

The small class size ensures that there is a friendly relationship between staff and students that is based on mutual respect. The degree programme which is approved by CORU combines teaching on a range of social science subjects alongside work placements. The Social Studies degree is an interesting and intensive programme which aims to help you become a reflective and proactive professional social worker who will make a significant contribution to society.

Graduate skills and career opportunities

As a Social Studies graduate of Trinity, you are eligible to apply to register as a professionally qualified social worker with CORU. Your qualification will be recognised in many other countries. You also have a good Social Science degree that allows you to move into policy, media, research or NGO project work. As a social worker, you can continue your professional development through postgraduate courses and can move into management, research or training.

Your degree and what you'll study

This course introduces you to a wide range of social science subjects in the first year, and then increases the number of social work subjects in the following three years. Teaching methods are varied, interactive and draw on your personal and practical experience. Assessment includes written examinations, essays, case studies, projects and placement reports.

First and second years

First year subjects include Introduction to Social Work, Psychology, Social Policy, Sociology, Economic Policy and Political Science. Optional courses in either French or German are also available. In first year, there

Special entry requirements

See health screening, page 226.

Students will be required to undergo Garda vetting, see page 226 for further details.

On successful completion of this programme, students will have acquired and demonstrated the necessary knowledge, skills and ethical base for professional social work and will have satisfied the requirements for an honours social science degree. Graduates will also be eligible to apply for registration as professional social workers with CORU. www.coru.ie/health-and-social-care-professionals/registration/how-do-i-apply-for-registration

are approximately 13-15 hours in lectures, 3-4 hours in tutorial classes and several hours in the library each week. If you have had no relevant practical experience before starting the degree, we ask you to do 30 hours (2-3 hours per week) volunteer work during first year to build your practical experience and help you to apply what you are learning to a real-world situation. First year students are also provided with the opportunity to undertake a six-week placement related to the course.

In second year, core subjects are Social Work Theory and Practice, Law for Social Workers, Social Policy, Psychology and Social Research. The social work modules involve field trips to relevant organisations and services. In addition, students undertake a ten-week placement during this academic year.

Third and fourth years

Third and fourth year subjects include: Family and Child Care Studies; Social Policy; Sociology; Mental Health; Equality Issues; Group Work; Human Rights Law as well as Social Work Theory and Practice, including counselling skills and practice workshops.

Practice placements are an integral part of the programme. In each of the four years you will have a placement in a different social service agency, under the supervision of an experienced practitioner. These placements provide you with practical experience and an opportunity to apply and develop the skills and knowledge that you have acquired at Trinity.

Placements are arranged in settings such as child and family welfare teams, hospital social work departments, child and family centres, probation service and community development projects. They account for approximately 30% of your course time (220 days) over the four years and take place at the end of each of the first and second years and mostly in term time in the third and fourth years. You are supported in your professional development by an individual social work tutor who meets you regularly and visits you on placement from third year onwards.

Study abroad

Overseas placements are possible (but not obligatory) within the course structure for those who are interested in experience in another country (such as the UK, North America and Australia). Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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- social.studies@tcd.ie
- www.facebook.com/swsp.tcd
- [@SWSP_TCD](https://twitter.com/SWSP_TCD)



WHAT OUR CURRENT STUDENTS SAY

Ronan Freeney

A passion for improving peoples wellbeing alongside personal characteristics such as being energetic and talkative are the main reasons I chose to study social work.



Sociology

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	398-625	87	4 years



Sociology is studied as a Joint Honours subject with one of the following options:

- TR212 Economics
- TR272 English Studies
- TR332 Geography
- TR482 History of Art and Architecture
- TR592 Middle Eastern, Jewish and Islamic Civilisations
- TR662 Philosophy
- TR756 Modern Language* (German, Irish, Italian, Russian, Spanish)
- TR759 Social Policy

Sociology can also be studied as part of Philosophy, Political Science, Economics and Sociology (PPES), page 116 or Business, Economics and Social Studies (BESS), page 102.

* See page 84 for language options and requirements

DO YOU ENJOY...

Debating how globalisation impacts on work conditions in the developed and developing world?

Finding out how changes in gender roles are reshaping developed and developing societies alike?

Learning the facts about why some societies are more unequal than others and the consequences of this?

What is Sociology?

Sociology studies the interaction of people within social groups like families, schools and companies and how this shapes their behaviours and life chances. It explores questions such as: why do migrants develop their cultural identities in different ways? How is privacy changing with the rise of digital technologies? How does a child's family of origin shape their chances of educational success and future job? Do state rules and regulations represent and protect elite power? Sociology is foremost among the social sciences in its understanding of social change.

Sociology: The course for you?

If you want to understand the social changes taking place in the world today, and you are curious about people and society, then Sociology is for you. You will also gain the ability to understand topical issues and to present and communicate information and thoughts coherently. In addition, you will learn invaluable analytical, communication, research and presentation skills – transferable skills which can be applied to a wide range of careers and postgraduate programmes.

Sociology at Trinity

There has been a rich tradition of sociological education at Trinity since the 1960s. The department is committed to advancing the understanding of society and to igniting the passion of our students through exceptional teaching and research. The Department of Sociology is internationally known for its work on education and employment, migration, identities, social inequalities, conflict and digital lives. The department has won several teaching awards — both for postgraduates and staff — for outstanding contribution in the pursuit of teaching excellence.

WHAT OUR CURRENT STUDENTS SAY

Emeline Cacciaguidi-Fahy

Studying Sociology has helped bring deep and engaging insights to the questions of identity, mobility and people's relationships. The four years of wide-ranging study in sociology challenged me across many dimensions and I left the degree with critical thinking capability that will allow me to thrive in life and the world of work.

As a recent graduate put it, Sociology explains how the great thinkers predicted the ills of modern society from social isolation to empty hospital wards. It questions the future of whether India can and will become the next China, and whether the internet will undermine traditional communities. It explains the underlying reasons why European societies are culturally so different. It tackles the big social issues of conflict, race, migration, gender and popular culture. It teaches you how to understand, research and explain all of these topics in a logical, organised fashion.



Graduate skills and career opportunities

Sociology graduates find that their broad training and appreciation of how society and people work means they can thrive in careers in the media, journalism, consulting, academia and teaching, policy analysis, non-governmental organisations, management, and advisory roles in the public service. Graduates are working for organisations as diverse as Goodbody Stockbrokers, the ESRI, the European Parliament, Citibank, RTÉ, Google, the Department of Foreign Affairs and Enterprise Ireland.

Your degree and what you'll study

Our modules cover Ireland, wider European society, the non-European world and the global arena. The first two years are more general and foundational in nature while the third and fourth years are characterised by smaller, more intimate classes that attempt to challenge you intellectually and encourage problem solving and critical thinking skills.

First and second years

Sociology teaching in the first and second years emphasises the understanding of the basic principles of sociology and the acquisition of both quantitative and qualitative research skills necessary for in-depth study. In first year, you are introduced to the distinctive questions that sociologists ask about human society, and the theories and concepts used in the search for answers. You have approximately 6 hours of lectures and 3 hours of tutorials per week in Sociology. In the second year, you study issues around gender, work and family; power, state and social movements, and are introduced to sociological research methods and theory.

Third and fourth years

Specialisation in sociological topic areas, and more advanced analysis, research and presentation skills are provided in the third and fourth years. In your third year, you learn about Globalisation and Development; Comparative Sociology of Europe; Race, Ethnicity and Identity; Social Stratification and Inequalities, and carry out research projects involving analysis of both numerical data from surveys, and verbal data that are the outcomes of recorded interviews and focus groups. The fourth year offers modules in a variety of topic areas, including Digital Lives and Social Networks; Labour Markets, Gender and Institutions; Migration, Mobilities and Integration, and Conflict Studies. You have the opportunity to carry out your own independent Capstone research project from start to finish on a topic of your choice (recent projects included: Immigration and the prison system, Unmarried fathers' participation in their children's lives, and Counterurbanisation in the Irish countryside). Many students find this a great asset when talking to employers and applying for jobs.

Modules are examined by a combination of continuous assessment including essays, portfolios, individual and group presentations, and the formal end-of-semester examination. In addition, students specialising exclusively in sociology in their final year complete a Capstone project.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Around one third of our undergraduate students participate in Erasmus and non-EU international exchanges. You may participate in full-year or half-year exchanges with the following partner institutions: Sorbonne University (France), University Lille 1 (France), Charles University Prague (Czech Republic),

Umea University (Sweden), University of Copenhagen (Denmark), University of Helsinki (Finland), University of Malta (Malta), Istanbul Bogazici University (Turkey), Utrecht University (Netherlands), Ludwig Maximilian University Munich (Germany). In addition, you can compete for a smaller number of places on university-wide non-European exchanges with partners in Australia, Singapore, China, Japan, Hong Kong, Brazil, Canada and the USA in your third year. Most of these universities offer their courses through English. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

GET IN TOUCH!

www.tcd.ie/sociology

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WHAT OUR GRADUATES SAY

Ellen O'Keeffe

Studying sociology has been an incredibly enriching, mind-opening and rewarding experience. Studying sociology at Trinity has changed how I view the world, helping me to develop a more critical understanding of power, inequality and the forces shaping our society.



Computer Science

- 132 Computer Science
- 133 Computer Science (Joint Honours)
- 134 Computer Science, Linguistics and a Language
- 136 Management Science and Information Systems Studies (MSISS)

Engineering

- 138 Engineering (common entry), with specialisations in:
- 142 Biomedical Engineering
- 143 Civil, Structural and Environmental Engineering
- 144 Computer Engineering
- 145 Electronic Engineering
- 146 Electronic and Computer Engineering
- 147 Mechanical and Manufacturing Engineering
- 148 Engineering with Management

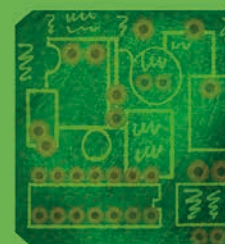
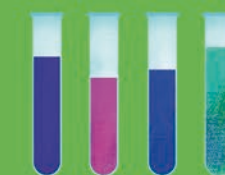
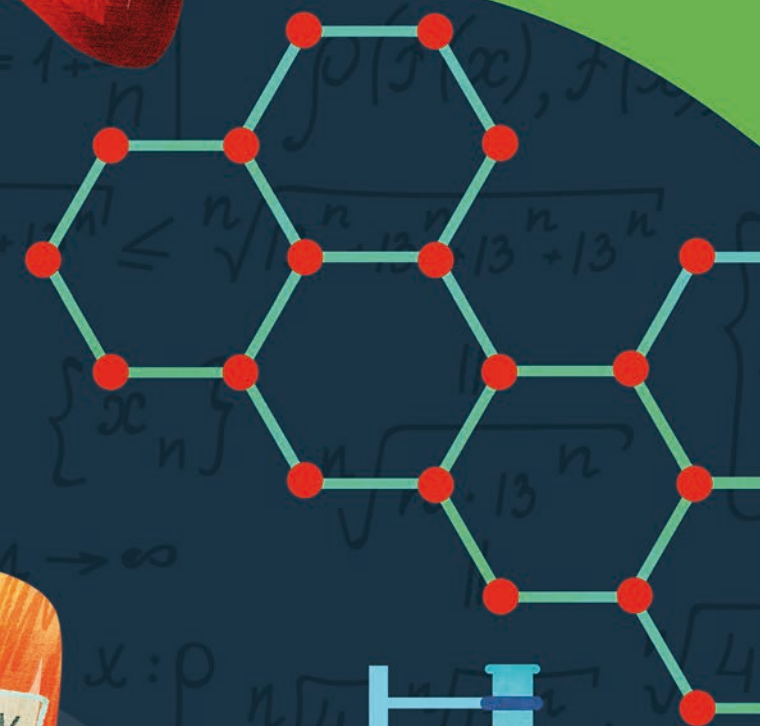
Engineering and Science

- 150 Environmental Science and Engineering

Science and Mathematics

- 152 Science
- 154 Biological and Biomedical Sciences with specialisations in:
- 155 Biochemistry
- 156 Botany
- 157 Environmental Sciences
- 158 Genetics
- 159 Human Genetics
- 160 Immunology
- 161 Microbiology
- 162 Molecular Medicine
- 163 Neuroscience
- 164 Physiology
- 165 Zoology
- 166 Chemical Sciences with specialisations in:
- 167 Chemistry
- 168 Chemistry with Biosciences
- 169 Chemistry with Molecular Modelling
- 170 Medicinal Chemistry
- 171 Nanoscience
- 172 Geography and Geoscience with specialisations in:
- 173 Geography
- 174 Geoscience
- 175 Physical Sciences with specialisations in:
- 176 Physics
- 177 Physics and Astrophysics
- 178 Nanoscience
- 180 Mathematics
- 180 Mathematics (Joint Honours)
- 182 Theoretical Physics

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS



Computer Science

Course Code	CAO Points 2022	Places 2023	Duration
TR033	555	100	4 years (5 years with a Masters)
Joint Honours (see below)	484-578	50	4 years



TR033 Computer Science is studied as a Single Honours subject AND Computer Science is studied as a Joint Honours subject with one of the following options:

- TR188 Business
- TR197 Economics
- TR240 Geography
- TR241 Linguistics

What is Computer Science?

Computer Science is concerned with the study of everything to do with computers and our relationship with them. Computer scientists are critical to the efficient running of modern societies, dealing with health, security, banking and finance, transportation, and now increasingly our interaction through social networks. Computing professionals deal with theoretical issues, solve complex problems, deal with matters of ethics and with society at large. Theoretical issues in computer science relate to the abstract notions of computation and information.

The study of these issues leads, for example, to efficient and robust algorithms for problems in many areas. Applications of computer science range from artificial intelligence to health informatics, from smart

cities to information security, and from educational and training systems to analysis of content on social network sites.

Computer Science: The course for you?

Computer Science at Trinity is a challenging and exciting course with a focus on innovation and cutting-edge technology. To get the best from the course you need to be interested in developing clear logical ideas about situations and about how to develop feasible schemes ('algorithms') for computers to deal with these situations. You should be comfortable using mathematical techniques to solve problems. If you are knowledgeable about computers already, to the extent of building them or writing programmes for them, so much the better – but bear in mind, no prior knowledge of computer science is assumed.



Computer Science at Trinity

The School of Computer Science and Statistics at Trinity is recognised for establishing computer science as an academic discipline in Ireland. The School has earned a strong international reputation and has partnerships in education, research and industry across the globe. The School hosts three National Research Centres and continues to evolve and lead ground breaking research programmes.

The School collaborates with leading employers and fosters innovation through its many successful startup companies – including Iona Technologies, Havok, Kore, Swrve, Quaternion Labs, LinguaBox, WiFi Guard, CipherApps, Haunted Planet Studios, Haptica, GLANTA, Tolerant Networks, Cara Health, X Communications Ltd, EmpowerTheUser, Insight Statistical Consulting, Xcelerit, Wripl and Emizar, SoapBox Labs, Good Travel Software, SilverCloud, Danalto, Volgrams and Data Chemist.

How can I study Computer Science?

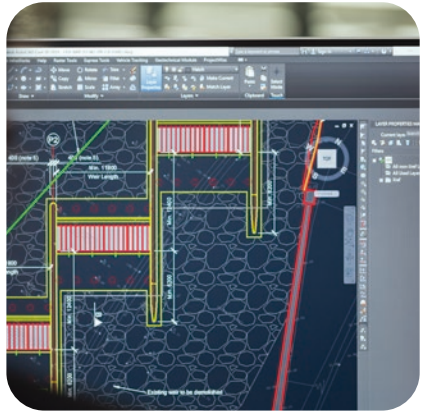
You can study Computer Science at Trinity as a single subject or with another subject (Joint Honours). If studying Computer Science as a Joint Honours subject, you can combine it with Business, Geography or Linguistics. Studying Computer Science as a single subject gives you the option to study for a further year (five years in total) to Masters level, undertaking an industry or research lab internship in your fourth year.

Graduate skills and career opportunities

Graduates from Computer Science are highly sought after and can expect to find employment anywhere in the world. Each year leading employers in the sector attend a special recruitment fair held at the School of Computer Science and Statistics which affords students an opportunity to chat informally regarding their career opportunities. Graduates find employment in almost every sector from communications and entertainment to manufacturing and transportation, government, healthcare, education and many more. Positions can be found within: design, testing, manufacturing, support and implementation, information systems, research and development, operations and management. Many graduates hold senior positions such as CTO and CIO. Others pursue careers in research to Ph.D. and beyond.

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Computer Science

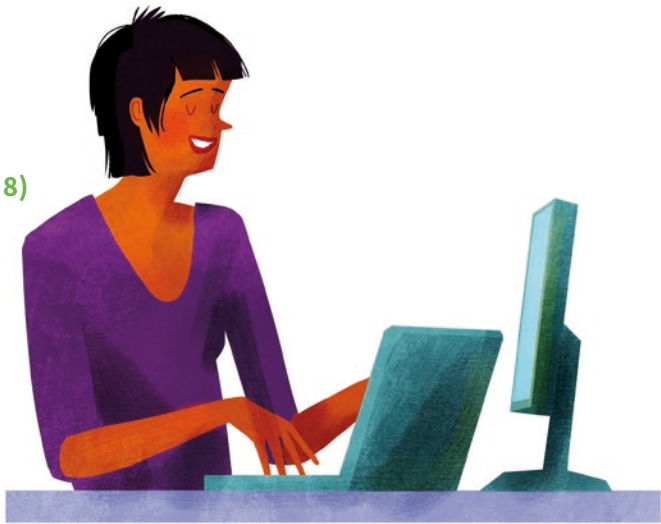
(Single Honours)

B.A. (Moderatorship) Honours Bachelor Degree (NFQ Level 8)

Optional: M.C.S. Masters Degree (NFQ Level 9)

Course Code	CAO Points 2022	Places 2023	Duration
TR033	555	100	4 years (5 years with a Masters)

This course is accredited by Engineers Ireland.



Your degree and what you'll study

First, second and third years

In the first three years of the programme, you will develop key skills in designing and implementing computer programmes and systems, solving problems, using mathematics, statistics and data analytics and communicating both orally and in writing. You will learn how to use a range of programming languages and how to tackle large software engineering projects. You will also learn about computer hardware and develop a broad knowledge of other topics, including networks and telecommunications, information management and the relationship between computers and society.

In third year, along with six core subjects, students select four Computer Science options (from subjects like Concurrent Systems, Compiler Design, Computational Mathematics, Functional Programming, Computer Architecture, Multivariate Linear Analysis, Advanced Computer Networks) and also select two Trinity Electives. At the end of third year you choose to study either for the honours degree (B.A. Moderatorship in Computer Science) or the Masters degree in Computer Science (M.C.S.).

Fourth year

If you decide to study for the honours degree in Computer Science over four years, you can choose from a range of advanced subjects to study including: Artificial Intelligence; Computer Graphics and Animation; Computer Vision; Internet Applications; Advanced Computer Networks; and many others. Topics are reviewed annually to reflect developments in the field of computing.

You will spend the second half of this fourth year working with an academic supervisor on a substantial Capstone project in an area of your choice.

If you decide to study for the Masters degree in Computer Science over five years, you also choose from the range of advanced subjects listed above.

Internship

Fourth-year students who opt for the Masters degree undertake an internship in industry or in a research laboratory at home or abroad. The aim is to develop your understanding of how design and theoretical aspects of computer science are applied in a commercial or research workplace.

Companies participating in our internship programme include: Cisco, Microsoft, MasterCard, Murex, Accenture, Google, First Derivatives, Havok, Bloomberg, Bank of America Merrill Lynch, Glanta Ltd., Amazon, AOL, Incognito, ALTV, Citi, EATON, Effective Software, Enernoc, FieldAware, Hosted Graphite, Hubspot, Intel-Movidus, KDEG/CNGL TCD, Popple, PricewaterhouseCoopers PwC, Purpledecks, Qualtrics, Shutterstock, SQA Consulting, Ticket Chain, Touchtec Payments, Travelport Digital, Ultan Technologies, Visible Thread.

Fifth year

If you decide to study for a Masters, as well as continuing to study advanced subjects, you will spend the second half of the year working with an academic supervisor on a substantial research dissertation in an area of your choice.

On successful completion of the five years, both a B.A. Moderatorship and Masters degree in Computer Science are awarded.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

You may apply to spend your third year studying at a university abroad as part of an exchange programme. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

Special Entry Requirements (Single Honours)

Leaving Certificate	H4	Mathematics
Advanced GCE (A Level)	Grade C	Mathematics
International Baccalaureate	HL Grade 5	Mathematics

Other courses you might enjoy


TR032: Electronic Engineering/
Electronic & Computer Engineering/
Computer Engineering, page 144

TR034: Management Science
and Information Systems Studies
(MSISS), page 136

TR039: Computer Science, Linguistics
and a Language, page 134

GET IN TOUCH!

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 undergraduate@scss.tcd.ie

WHAT OUR GRADUATES SAY

Katharine Burton

What I really enjoyed about the course was the exposure to software, hardware and telecommunications which gives you the entire view of a system rather than the separate components. I found the lecturers to be knowledgeable and approachable. Being a male dominated science, I think we need more girls to think seriously about studying computer science at university. During my summers at Trinity, I undertook a number of internships both in Ireland and abroad. One of these internships resulted in a full-time graduate job offer in London.



Computer Science

(Joint Honours)

B.A. (Moderatorship) Honours Bachelor Degree (NFQ Level 8)

(see below)

Course Code	CAO Points 2022	Places 2023	Duration
Joint Honours (see below)	484-578	55	4 years



Computer Science Joint Honours combinations

Each of the Computer Science Joint Honours combinations offers unique opportunities where the subjects intersect. Students studying Computer Science and Geography may have a particular interest in geographic information systems, spatial data or "smart cities". The combined study of Computer Science and Linguistics yields opportunities for graduates to specialise in computational speech and language processing or text analysis. Combining Computer Science with Economics will allow graduates to use computing tools to study economics and to apply economic theories to computational settings, such as to build virtual marketplaces. Our long-running Computer Science and Business joint programme provides graduates with the knowledge and expertise needed to work in the technical field of Computer Science along with the business management skills required to understand the fundamentals of markets, organisations and business management.

Pathways

The pathways available are Major with Minor, Joint Honours, and Single Honours Economics or Geography.

Your degree and what you'll study

Details of the Computer Science Joint Honours option are listed below.

First year

In first year, students spend about 25% of their time learning to design and write computer programs. They also study Mathematics, Statistics, and Computer Systems.

Second year

In the second year the study of Computer Science continues with Algorithms and Data Structures, Mathematics II, Information Management and Software Engineering. Depending on the pathway chosen, students may also take Applied Statistics and Probability, Intermediate Programming, Systems Programming, Operating Systems, Algorithms and Data Structures II, and Natural Language Processing.

Third year

All students in third year take Software Engineering, Information Management, and Computer Networks. Depending on the chosen pathway, students may take additional subjects such as Compiler Design, Artificial Intelligence, Symbolic Programming, Functional Programming, Computational Mathematics, Advanced Computer Networks.

Fourth year

In the fourth year, all students will complete a Capstone project. In addition they choose from topics such as Group Programming Project, Machine Learning, Strategic Information Systems, Technology Entrepreneurship, Data Analytics, Fuzzy Logic, Internet Applications, Human Factors, Computer Graphics.


Courses are examined by a combination of continuous assessment and/or end of term examination or assessment.

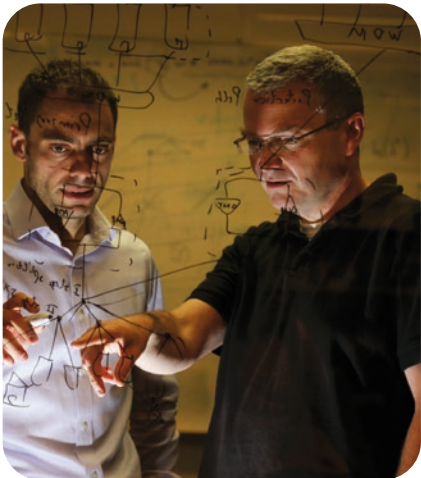
Study abroad

You may apply to spend your third year studying at a university abroad as part of an exchange programme. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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Computer Science, Linguistics and a Language

B.A. (Moderatorship) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR039	543	20	4 years



What is Computer Science, Linguistics and a Language?
The Computer Science, Linguistics and a Language (CSLL) degree is an integrated, interdisciplinary programme. CSLL students learn computer science, study linguistics, the scientific study of language and speech, and study a specific language (with a choice of French, Spanish or Irish).

There is an emphasis on the intersection of these subjects, on computational and empirical approaches to language, knowledge of which is important to the ever-growing fields of speech and language technology, such as machine translation, speech synthesis and recognition.

All the component disciplines are pursued to a high level, equipping CSLL graduates to pursue a very wide range of careers, such as in computing in general, in roles requiring skills in a particular language and in the speech and language technology area.

Computer Science, Linguistics and a Language: The course for you?
If you enjoy problem solving, conceptual analysis, mathematics, language learning and are interested in combining topics in creative and insightful ways, then this may be the right course for you. It appeals to students with strengths in analytical reasoning and an affinity for mastering languages, but who do not want to choose between arts and sciences. Project work pursued throughout provides scope for personal expression.

Computer Science, Linguistics and a Language at Trinity
This is one of the most integrated, interdisciplinary degrees on offer, bridging computer science, linguistic sciences and the arts. It is the only programme of its kind in Ireland, and unique internationally as an undergraduate degree offering. The teaching

is research led: many lecturers are themselves involved in research and the development of speech and language technology. Students get to see and, at times, participate in this research, and graduates are highly sought after as researchers. The interdisciplinary skills acquired open doors to world mobility and employability.

Over more than 50 years, the Computer Science Department at Trinity has earned a strong international reputation and has partnerships in education, research and industry across the globe.

Graduate skills and career opportunities
Since the course began in 1985, graduates have moved on to careers that reflect CSLL's diversity. Graduates are qualified to work as language specialists, in the language and speech technology sector, as information technologists or software specialists in the IT, banking, translation, publishing or multimedia sectors. Some work as software engineers. Some have careers in professional translation; others in education. About 65% of graduates work in software engineering (often language oriented), whether in a mainly English-speaking country, or in a country where the language of the degree focus is the native language. About 25% pursue research careers and a number of graduates now hold academic staff positions in Ireland and abroad. Another 10% move into technical translation. Some are employed in government services, such as the European Patent Office and the Irish Diplomatic Corps.

Your degree and what you'll study
In the first two years, you will study computer science, linguistics and your chosen language, exploring areas where computers and the science and practice of language meet. Students complete increasingly complex projects in each year of the programme. The final year offers opportunities for more in-depth interdisciplinary work,

or for specialisation in the classical core of the constituent disciplines.

First year and second year
In first year there is a comprehensive introduction to computers, how to program them and certain fundamentals of how they really work, with no prior knowledge assumed. The second year builds upon this with more advanced programming, a study of fundamental data structures and algorithms and specifically an introduction to computational treatments of language: computational linguistics. Linguistics modules introduce the scientific study of how the sounds, words and syntax of languages are structured and of the processes involved in human communication. These encompass both theoretical and computational elements (such as Speech Science and Phonetics, Computational Morphology). As mathematical tools are on occasion required, in support of this there are also mathematics courses. In CSLL's third stream, modules from the language departments provide for the detailed study and mastery of the productive and receptive skills of a specific language as well as Area Studies, which typically explores the culture and society of the country/ies of that language.

WHAT OUR GRADUATES SAY
Conor Evans
I am glad that I chose this course. For me, the multi-faceted degree was the perfect balance of challenging and rewarding. The ability to approach problems using knowledge from several disciplines serves you extremely well. Moreover, you gain proficiency in a second language. Personally, that led to an Erasmus year of great memories and personal development. This course has unequivocally shaped my future. The course components complement each other well and the course is continually adapting its modules to be relevant in the modern world.

Special Entry Requirements		
Leaving Certificate	H4	Mathematics
	H3	In French or Spanish or Irish
Advanced GCE (A Level)	Grade C	Mathematics
	Grade C	If presenting French or Spanish
	Grade B	If presenting Irish
International Baccalaureate	HL Grade 5	Mathematics
	HL Grade 5	If presenting French or Spanish
	HL Grade 6	If presenting Irish

Students choose one language from French, Spanish and Irish.
Students must present one of the above grades in their chosen language.



	First year	Second year
Computer Science	<ul style="list-style-type: none">MathematicsIntroduction to ProgrammingRepresentations and Computation	<ul style="list-style-type: none">Discrete and Continuous MathematicsData Structures and Programming TechniquesNatural Language Processing
Linguistics	<ul style="list-style-type: none">Introduction to the Study of Language (General Linguistics)Introduction to Phonetics and PhonologyIntroduction to Syntax	<ul style="list-style-type: none">Syntactic TheoryIntroduction to Speech ScienceFormal SemanticsInstrumental PhoneticsComputational MorphologyStatistics for Linguistics
Language	<ul style="list-style-type: none">Written, oral and aural language fluencyArea Studies	<ul style="list-style-type: none">Written, oral and aural language fluency

Third and fourth years
You study the three streams of CSLL in third and fourth years, either at Trinity or abroad (in third year) under the Erasmus programme. Module choices allow you to personalise to individual strengths. Relating to language, there are advanced modules such as Computational Linguistics (involving Speech Recognition and Machine Translation), Speech Analysis and Synthesis, and Human Second-Language Acquisition. Then of wider relevance there are such modules as Machine Learning, Artificial Intelligence, Machine Vision and Computer Graphics. You also proceed to advanced study in your chosen language, perfecting your skills in translation, essay writing and oral presentation. There is a fourth year Capstone project: it may be interdisciplinary, or it may focus on just one of the three contributing streams.

WHAT OUR STUDENTS SAY
Liam Lonergan
The combination of linguistics and computer science is a fascinating field and one that is becoming increasingly important, as technology becomes more and more integrated into our lives. I found being able to focus on this niche, yet highly varied area, at undergraduate level a great opportunity and it certainly equipped me with a unique, highly sought-after skill set. Undertaking a language at university level and the opportunity to live abroad for a year with the Erasmus programme was definitely a highlight. The programme opened up new doors to meet people from around the world and experience different cultures. I am now pursuing a speech-related Ph.D. at Trinity.

Study abroad
The programme has Erasmus exchange agreements which allow you to pursue CSLL's three streams at a university abroad in the third year. Besides excellent technical modules, this gives you a great opportunity to develop language skills and experience life abroad. Students of French or Spanish spend the third year at a university abroad and for students studying Irish going abroad is also a possibility. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

Other courses you might enjoy
TR032 Engineering – Computer Engineering, page 144
TR033: Computer Science, page 130

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Management Science and Information Systems Studies (MSISS)

B.A. (Moderatorship) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR034	625	27	4 years

What is Management Science and Information Systems Studies (MSISS)?

Students learn how to use techniques from disciplines such as business, mathematics, computer science, statistics and management science to solve real-world problems. There is also a firm emphasis on interpersonal skills such as verbal communication, interviewing, teamwork and report writing.

The primary objective of the MSISS programme is to produce graduates who are both business and computer literate and who have a solid understanding of how to approach and solve practical problems using a variety of tools and techniques. The emphasis in MSISS is on building up analytical skills, flexibility and creative thinking.

One of the remarkable features of MSISS is the range of careers that graduates take up. The MSISS programme provides students with a unique blend of skills and experience. It is this mix which makes MSISS unique amongst other third-level courses in Ireland and helps contribute significantly to the success MSISS graduates have in getting jobs.

MSISS: The course for you?

This course is ideally suited to students who like solving complex problems and are interested in both technology and business and are naturally comfortable with mathematics. The range of subjects studied is wide and will challenge your abilities on several fronts, leading to graduates who have the ability to think about issues in both technical and business terms. MSISS is a good way of keeping your options open.

MSISS at Trinity

MSISS produces graduates who are analytical, flexible and creative. These are highly demanded skills that are applicable across a range of careers. MSISS is highly regarded by employers and has one of the best graduate employment records of any undergraduate course in Ireland.

In MSISS the theory of subjects is covered but consideration is given to building practical skills. The teaching methods include formal lectures, laboratories, role-playing, real-life projects, many with an emphasis on group work.

Graduate skills and career opportunities

MSISS has one of the best graduate employment records of any undergraduate course in Ireland. One feature of MSISS is that it provides a base for following a remarkably wide range of careers within management consultancy, the financial services and the actuarial and accounting professions. Many graduates also work in information technology management, quality control, and marketing, while others pursue postgraduate study at home and abroad.

Demand for MSISS graduates has always been steady as the wide ranging skill sets developed in the course of study together with the problem-solving and team-working skills are highly sought after by employers. A high level of numeracy and fluency in the use of modern technology are a further attraction for employers.

Employers include large financial institutions, management consultants and other businesses both nationally and internationally; for example Deloitte, Ernst and Young, Accenture, McKinsey, KPMG, PwC, BearingPoint, PA Consulting, FTI Consulting, Bank of America, Merrill Lynch, CitiBank, Credit Suisse, Barclays, Deutsche Bank, JP Morgan, HSBC, RBS, Bank of Ireland, AIB, Irish Life, Aviva, Mercer, Paddy Power, First Derivatives, Boylesports, Kerry Group, Betfair, Google, Colgate, Palmolive, Proctor and Gamble, United Drug.



Special Entry Requirements

Leaving Certificate	H4	Mathematics
Advanced GCE (A Level)	Grade C	Mathematics
International Baccalaureate	HL Grade 5	Mathematics

Your degree and what you'll study

MSISS is made up of four strands.

- > The first is based on developing skills in quantitative techniques, such as mathematics, statistics, probability, data analytics, forecasting and management science.
- > The second strand focuses on information technology and systems and ranges from basic end user tools, like spreadsheets, through programming, system design and development and databases, up to state of the art topics/techniques in areas such as strategic information systems.
- > The third strand is business-based and covers important concepts in management, finance and operations management.
- > The fourth strand seeks to develop a range of personal skills including teamwork, making presentations, interviewing, report writing and researching.

The four strands in MSISS are organised as three main subject areas, supported by the interpersonal skills framework. The three subject areas are: Business and Management; Quantitative Analysis and Information Systems. Interpersonal skills such as interviewing and making presentations are built into the teaching of other subjects. Third and fourth year provide the opportunity to specialise in an area of your choice.

Topics studied under these subjects include:

- > Introduction to Management and Organisation;
- > Finance and Accounting;
- > Operations Management;
- > Economics
- > Forecasting;
- > Management Science (Operations Research);
- > Data Analytics;
- > Market Research;
- > Mathematics;
- > Probability;
- > Statistics
- > Information Systems and Technology;
- > Programming (Java, Visual Basic, Python, R SQL and PHP)
- > Strategic Information Systems
- > End User Computing

First and second years

During first and second year, you will get a solid introduction to a number of fields. Subjects you will study include:

- > Computer Programming
- > Economics
- > Management Science
- > End-User Computing
- > Mathematics
- > Organisation and Management
- > Statistics
- > Finance and Accounting

Third and fourth years

The third and fourth years allow you to focus on areas that are of particular interest to you. In each year there are a number of core courses and a range of optional modules from which students select options in each of the final two years.

An integral component of the final year is a Capstone project which takes the form of a consultancy project for a real-world client. In recent years, projects have been undertaken for clients such as Google Ireland, Irish Life, L&P Group, PwC, Deloitte, Electric Ireland, AIB, Bank of Ireland, McDonalds, Teagasc, HIQA, Betfair and Boyle Sports.

The choice of optional modules spans business studies, economics, computer science, statistics, mathematics and engineering. The courses currently offered include financial and management accounting, economics, human resources management, technology entrepreneurship, mathematics, investment analysis, corporate financial reporting, statistical modelling and project management.

WHAT OUR GRADUATES SAY

Laura Headon
Deloitte

MSISS students complete real-world projects and learn practical skills which are valued by employers. The course has an excellent reputation, which leads to exciting and varied employment opportunities. Every day on the job I use skills honed and developed through my study of MSISS, which include information technology skills together with other skills such as report writing and problem solving, key to building a successful career. MSISS is a dynamic course, which will appeal to students with an interest in modern business issues such as big data, data analytics and information technology.

You will be assessed by a combination of assignments and end-of-year examination. A report on the final-year project is an important part of the assessment.

Study abroad

You may apply to spend your third year studying at a university abroad as part of an exchange programme. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options


Other courses you might enjoy

TR033: Computer Science, page 130

TR031: Mathematics, with minor in Statistics, page 180

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Engineering

(Common Entry Programme)

B.A., M.A.I Masters Degree in Engineering
(NFQ Level 9)

Optional (exit after fourth year):

B.A., B.A.I. Honours Bachelors Degree in Engineering
(NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR032	555	195	4 years (5 years with a Masters)



Special Entry Requirements

Leaving Certificate	H4	Mathematics
Advanced GCE (A Level)	Grade C	Mathematics
International Baccalaureate	HL Grade 5	Mathematics



What is Engineering?

Engineering is about being creative in technical problem solving. Engineers make things possible by using mathematical and scientific principles together with analytical and design skills. They tackle existing problems by developing new solutions through innovative technologies.

They also expand the frontiers of society by developing advanced materials, sustainable energy systems, construction technologies, transport systems, biomedical devices and telecommunications infrastructure.

Engineering: The course for you?

We have been teaching Engineering at Trinity since 1841. There have been immense developments since that time, but the continuity of excellence in teaching and learning is a source of pride for us and our graduates. A distinctive feature of Engineering at Trinity is the two-year common programme, in which all students learn the fundamentals of engineering science and also engage in substantial elements of project work prior to choosing a specific engineering discipline. Trinity is the top-ranked university in Ireland, and our engineering graduates use this to their advantage all over the world as well as in Ireland.

Engineering is a constantly evolving profession. As an engineer, you will need to be adaptable both to the rapid development of new ideas and technology and to the shifting requirements of industry and society. You will need to be a good communicator and be capable of working as part of a team. Above all, you must be a problem solver. You must be creative and able to synthesise and analyse information from different sources to arrive at efficient and practical solutions.

Engineering at Trinity

Trinity offers outstanding teaching by engineers who are at the forefront of their field worldwide. It has a strong philosophy of research-led teaching and continuously benchmarks itself against the top international engineering schools. The engineering course offers the opportunity to carry out research as part of your course with the aim of producing graduates capable of participating to research projects at the highest national and international levels. There are opportunities for work placements in Ireland and abroad as well as study abroad opportunities as part of the degree programme. The engineering programme is fully accredited by Engineers Ireland up to Masters level (M.A.I.) and offers excellent career prospects in Ireland and abroad.

Graduate skills and career opportunities

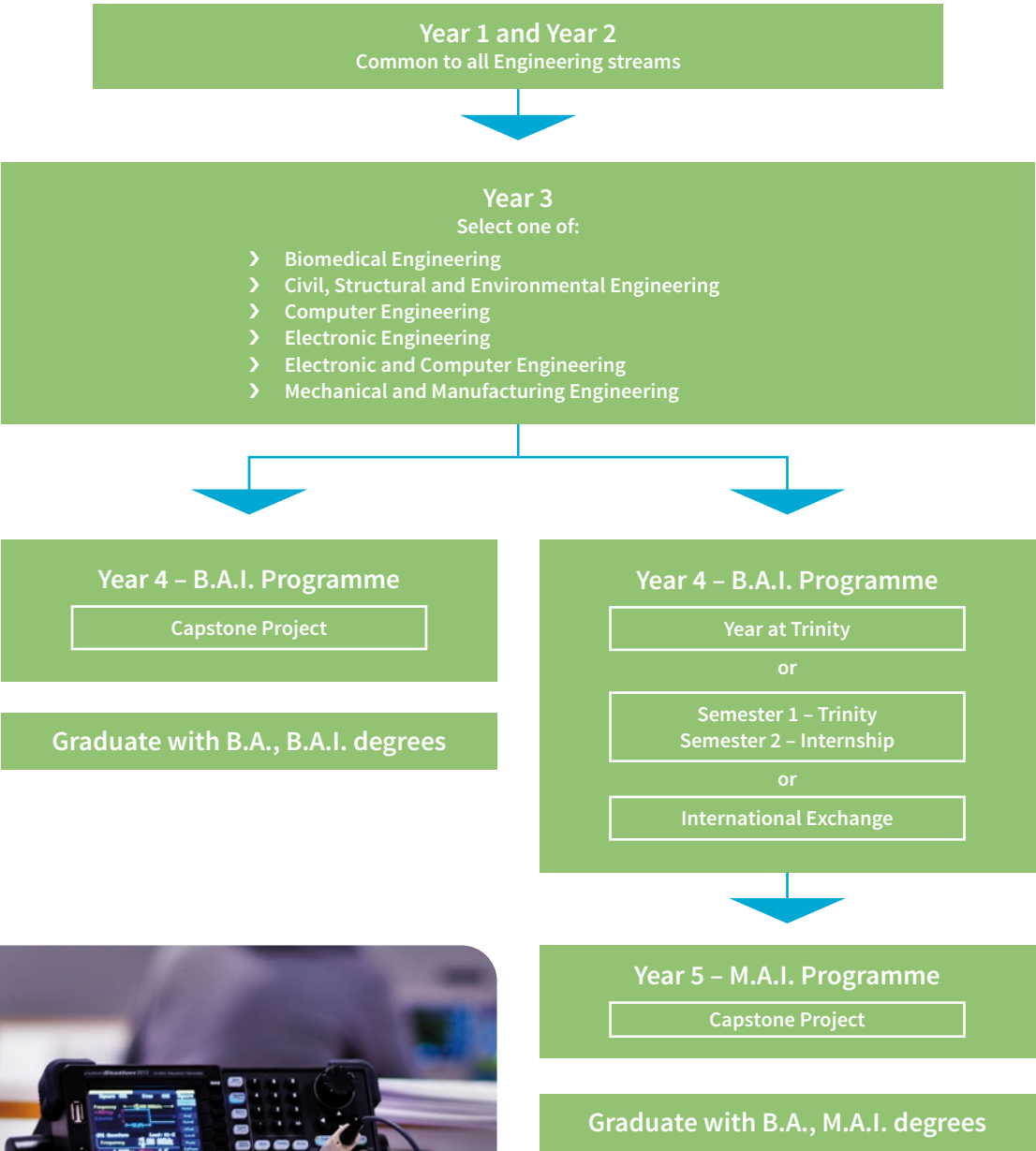
Engineering graduates from Trinity have the capacity to think independently but also to work in teams. They can use technical understanding to problem solve in a wide range of technical areas. They are able to communicate their technical and creative ideas to other professionals and to society at large. They are able to take responsibility, deal with complexity and ambiguity and successfully face open-ended challenges.

Your degree and what you'll study

The B.A.I./M.A.I. (engineering) degree programme is based on two years of general engineering, providing students with a firm grounding in the principles common to all disciplines, followed by two/three years of specialisation. Graduates are professionally accredited engineers with both a broad-based understanding of the whole discipline and a detailed knowledge of their chosen specialist area. The aim is that graduates will be able to continuously train themselves, to adapt and move into related or newly emerging areas as their careers develop after graduation.



Engineering Course Structure





First and second years

All students follow a common programme for the first two years. The first year comprises introductory courses in engineering science, mathematics, computer science, physics, chemistry, mechanics, electricity and magnetism, graphics and computer-aided engineering, and a group design and build project.

In the second year, students take further engineering science modules, such as solids and structures, thermo-fluids and electronics, and complete two more group design and build projects. This allows you to explore all the possibilities open to you in advance of making your final decision about which specialism to concentrate on. You will also take a Trinity Elective module.

What happens next?

At the end of second year you choose one of the six specialist areas:

- Biomedical Engineering
- Civil, Structural and Environmental Engineering
- Computer Engineering
- Electronic Engineering
- Electronic and Computer Engineering
- Mechanical and Manufacturing Engineering

Third and fourth years

Courses in the third and fourth years aim to broaden and deepen your knowledge and understanding of the specialism you have chosen. You will also have the opportunity to take a Trinity Elective module and open modules in other disciplines. Subjects are studied in much greater detail and students undertake real-life, practical projects. For example, if you choose Civil, Structural and Environmental Engineering you could end up testing the pre-cast concrete used to build the Paddington to Heathrow railway; If you choose Computer Engineering, you might find yourself building a microprocessor system.

Fifth year

Engineering students require a Masters degree to be directly eligible for Chartered Engineer status with Engineers Ireland. Therefore the School offers several options for a fifth year leading to a Masters degree (M.A.I.).

➤ M.A.I. (Domestic)

Students can spend the fourth and fifth year in Trinity, undertaking additional modules in their specialisation and open modules in other disciplines as well as a group project in fourth year and a significant individual Capstone project in fifth year.

Students also have the option of spending the second semester of their fourth year undertaking a supervised internship placement. The remainder of their fourth year and the fifth year are spent in Trinity undertaking additional modules in the specialisation and open modules in other disciplines. Students complete a significant individual Capstone project in fifth year.

➤ M.A.I. (International)

Students have the option to spend their fourth year abroad as part of the Erasmus/ International exchange, CLUSTER or UNITECH programmes. As part of the Erasmus/International exchange or CLUSTER programmes, students spend their fourth year abroad at a partner university and return to complete their fifth year at Trinity. Some of our Erasmus/International exchange partner universities include Institut National de Sciences Appliquées de Lyon – INSA, Universidad Politécnica de Madrid (UPM), Politecnico di Torino and University of Melbourne. The CLUSTER programme is a consortium of universities including Technical University of Catalonia, Barcelona; Technische Universität Darmstadt; Technische Universiteit Eindhoven; Institut polytechnique de Grenoble; Instituto Superior Técnico Lisbon; Katholieke Universiteit Leuven/

Université Catholique de Louvain; Karlsruhe Institute of Technology; École Polytechnique Fédérale de Lausanne; Politecnico di Torino; KTH Royal Institute of Technology Stockholm.

The UNITECH programme is a collaboration of 8 partner universities and 13 multinational corporate partners. Students will spend one semester of their fourth year in a partner university followed by a six month internship with one of the corporate partners and return to complete their fifth year at Trinity. The partner universities are Chalmers University of Technology, Gothenburg; ETH Zurich; Institut National des Sciences Appliquées de Lyon – INSA; Loughborough University; Politecnico di Milano; RWTH Aachen University; TU Delft, The Netherlands.

Assessment in each of the first two years is mostly by means of written examination combined with continuous assessment of coursework during the year. Typically, examinations contribute at least 50% towards your grade in each subject. The design projects are assessed entirely by continuous assessment.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Other courses you might enjoy

TR038: Engineering with Management, page 148



WHAT OUR CURRENT STUDENTS SAY

Isabella Irving

Engineering has proved to be both engaging and difficult. In order to learn, I need to be pushed and my engineering course not only pushes me to become a better learner but also provides me with the opportunities to expand my knowledge. The people in engineering, not just the course itself, also have enriched my experience. Being surrounded with people that are academically driven and interested in the same things has allowed me to collaborate and learn from my peers. Engineering has proved to be both engaging and difficult. In order to learn, I need to be pushed and my engineering course not only pushes me to become a better learner but also provides me with the opportunities to expand my knowledge. The people in engineering, not just the course itself, also have enriched my experience. Being surrounded with people that are academically driven and interested in the same things has allowed me to collaborate and learn from my peers.



Engineering at a glance

All students follow common first and second years. At the end of the second year you will select one of six specialist streams as outlined below.

First year	Second year	Third and fourth years and M.A.I. Year
Lectures – 16 hours per week Tutorials – 5 hours per week Laboratory work – 6 hours per week	Lectures – 16 hours per week Tutorials – 5 hours per week Laboratory work – 4 hours per week	For contact hours, please see the individual stream pages (see below).
First year modules <ul style="list-style-type: none"> ➤ Engineering Mathematics I and II ➤ Computer Engineering I ➤ Physics ➤ Chemistry ➤ Electrical Engineering ➤ Mechanics ➤ Introduction to Professional Engineering ➤ Engineering Design I: Graphics and Computer-Aided Engineering ➤ Engineering Design II: Project ➤ Experimental Methods ➤ Engineering Materials and Their Applications 	Second year modules <ul style="list-style-type: none"> ➤ Engineering Mathematics III and IV ➤ Numerical Methods ➤ Computer Engineering II ➤ Solids and Structures ➤ Thermo-Fluids ➤ Electronics ➤ Engineering and the Environment ➤ Engineering Design III: Project ➤ Engineering Design IV: Project ➤ Numerical Methods ➤ Trinity Elective module 	Common third and fourth year modules <ul style="list-style-type: none"> ➤ Engineering Mathematics V ➤ Management for Engineers ➤ Probability and Statistics <p>Select one of the six specialisations below:</p> <ul style="list-style-type: none"> ➤ Biomedical Engineering, page 142 ➤ Civil, Structural and Environmental Engineering, page 143 ➤ Computer Engineering, page 144 ➤ Electronic Engineering, page 145 ➤ Electronic and Computer Engineering, page 146 ➤ Mechanical and Manufacturing Engineering, page 147

Dual Engineering Masters Pathway Programme

Trinity College Dublin and Columbia University



Engineering (TR032) students can avail of a dual Masters pathway programme with Columbia University leading to the award of a professionally-accredited MAI degree by Trinity Engineering and an MS degree by Columbia.

As part of the pathway, students complete the first four years of the five-year integrated Engineering or Engineering with Management (MAI) programmes in Trinity, followed by a year at Columbia, during which they can choose from one of several existing Master of Science (MS) courses:

Trinity Engineering Stream	Columbia Engineering MS Course
<ul style="list-style-type: none"> ➤ Civil, Structural and Environmental Engineering ➤ Mechanical and Manufacturing Engineering ➤ Biomedical Engineering ➤ Electronic Engineering ➤ Electronic and/or Computer Engineering ➤ Engineering with Management 	<ul style="list-style-type: none"> ➤ Civil Engineering ➤ Mechanical Engineering ➤ Biomedical Engineering ➤ Electrical Engineering ➤ Computer Engineering ➤ Operations Research

Applications for the pathway open in Semester 1 of Year 4 and students will be required to have achieved an annual average mark of at least 60% (equivalent to a GPA of 3.2) in Year 3 (for approval of their application) and in Year 4 (for admission to Columbia).

GET IN TOUCH!

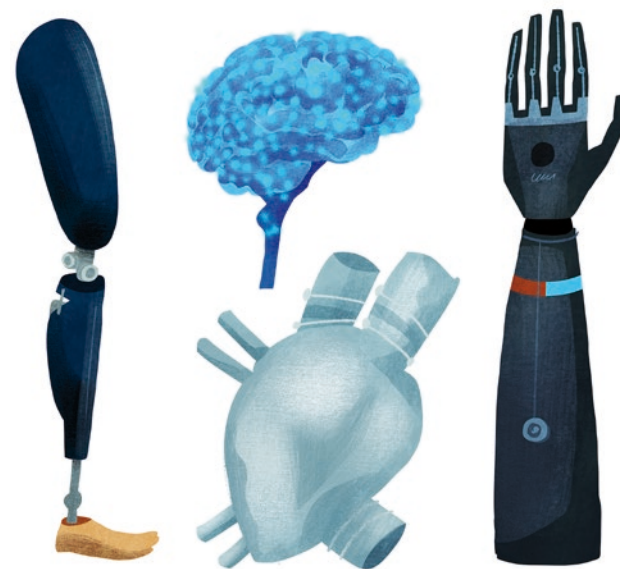
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Biomedical Engineering

Students who wish to study Biomedical Engineering apply to the Engineering degree (TR032).

The first two years are common to all engineering students and at the end of the second year students select Biomedical Engineering as their specialist area.

See page 138 for details of the first two years.



What is Biomedical Engineering?

Biomedical engineering is at the intersection of engineering, the life sciences and healthcare. Biomedical engineers take principles from applied science (including mechanical, electrical, chemical and computer engineering) and physical sciences (including physics, chemistry and mathematics) and apply them to biology and medicine. Although the human body is a more complex system than even the most sophisticated machine, many of the same concepts that go into building and programming a machine can be applied to biological structures and systems leading to new diagnostic and therapeutic tools. The goal is to better understand, replace or fix a target system to ultimately improve the quality of healthcare.

Biomedical engineers become involved in research and development, spanning a broad array of subfields: biofabrication, bioprinting, biomechanics, biomaterials, tissue engineering, neural engineering, medical devices, clinical engineering, medical imaging. Prominent biomedical engineering applications include the development of biocompatible prostheses, various diagnostic and therapeutic medical devices ranging from clinical equipment to micro-implants, advanced imaging methods such as MRIs and EEGs as well as development of regenerative materials, engineered tissues and artificial organs.

Biomedical engineering is a challenging professional discipline, requiring knowledge of biology and medicine, as well as understanding of a range of engineering subjects. It is also a very exciting field in which new methods and products are constantly being developed, using the latest technology in materials, mechanics, electronics, mathematical analytical methods and manufacturing processes.

Graduate skills and career opportunities

Biomedical engineering is the fastest-growing career and this trend is expected to continue over the next decade. Ireland's medical technology sector has evolved into a global leader for medical device and diagnostic products, with more than 450 companies involved in developing, manufacturing and marketing medical devices. These include Abbott, Bayer, Becton Dickinson, Boston Scientific, Johnson & Johnson, Guidant, Medtronic and Stryker. These companies have a strong demand for high quality graduates at the Masters and Ph.D. level because of the high technical level of their products.

Biomedical engineers also find employment in clinics and hospitals where they work as clinical engineers, responsible for complex, expensive diagnostic equipment and laboratories.

Your degree and what you'll study

Course topics include areas of mechanical, manufacturing, and electronic engineering, specialised topics in biomedical engineering and courses in basic medical and biological sciences. Example biomedical courses include:

Biomechanics, Biomaterials, Anatomy and Physiology, Cell and Molecular Biology, Medical Device Design, Tissue Engineering, Neural Engineering, Medical Imaging.

In the third year you will study technical courses in both mechanical/manufacturing engineering and electronic engineering, along with courses in anatomy and physiology. In the fourth year and (optional) Masters (fifth) year you will study a range of technical subjects, including the specialised subject of biomedical engineering.


Project work is an important aspect of this degree and there is an extensive research facility available to students. You will carry out several projects, including a major Capstone research project in your final year. Examples of final-year projects include:

- Design of a branch stent for abdominal aortic aneurysm
- Finite element modelling of 3D printed scaffolds for bone tissue engineering
- Next Generation Hearing Prostheses: Improved decoding of attentional selection in a cocktail party environment
- Determination of the effect of freezing on the mechanical properties of decellularised arteries
- Head kinematics in contact sports

GET IN TOUCH!

www.tcd.ie/mecheng/undergraduate

 bioeng@tcd.ie

 www.facebook.com/trinity-centre-for-bioengineering

DO YOU ENJOY...

Finding out how living things work?

Analysing problems and formulating solutions?

Working with mathematics and numbers?

Civil, Structural and Environmental Engineering

Students who wish to study Civil, Structural and Environmental Engineering apply to the Engineering degree (TR032).

The first two years are common to all Engineering students and at the end of the second year students select Civil, Structural and Environmental Engineering as their specialist area.

See page 138 for details of the first two years.



What is Civil, Structural and Environmental Engineering?

Civil, Structural and Environmental Engineering is a very diverse and broad discipline. It offers graduates the chance to work on projects that improve people's lives. These include the design of better transport systems, looking after the environment, constructing new buildings and bridges and creating the infrastructure on which society depends. Civil engineers are responsible for running many of the world's largest businesses and public agencies. The skills needed to be a good civil engineer are a logical and systematic approach, good problem-solving and creative abilities, backed up by a mathematical and scientific mind. In addition to these skills a civil engineer needs to be imaginative and inquisitive.

Civil Engineering

Civil engineers are responsible for the planning, design, and operation of our cities and infrastructure. These include user-centred and integrated transport systems and renewable and sustainable energy systems, as well as a myriad of support systems located underground.

Structural Engineering

Structural engineering involves the design and construction of many types of structure, including buildings, bridges, stadiums, and wind turbines. Structural engineers ensure that a building is safe for the area in which it is built and for its intended purpose. It must also be attractive, economical and have a minimum impact on the environment.

Environmental Engineering

Environmental engineers design the systems that provide us with clean water, manage our waste and deal with pollution in air, land or water. Environmental engineers also optimise our use of energy and natural resources, minimise industrial impacts on people and nature, and ensure that development happens in a sustainable way.

Graduate skills and career opportunities

Most civil engineering graduates start their careers with engineering consultants working in infrastructure and building design, energy, environmental protection and transport management (such as Arup, Atkins, Jacobs) and construction companies (such as BAM, Sisk). Civil engineers are also often employed in financial services, management consultancy, law firms and in corporate business. The numerical and problem-solving skills and technical expertise of civil engineers are broad based and make them very attractive employees in many different industries.

Your degree and what you'll study

In third, fourth and M.A.I. (fifth) years, students are offered modules in Structural and Geotechnical Engineering, Environmental Engineering, Transportation and Sustainable Energy.

A significant amount of teaching takes place in the laboratory, and the course involves a lot of project work. In third year, students undertake site visits to civil engineering projects, iconic engineering structures and to areas of environmental interest. This includes a one-week technical visit to an international location. Recent trips have included visits to London and Barcelona.

In the third and fourth year projects, students work in small groups to design a building or piece of major infrastructure. There is also the opportunity to undertake an internship in industry or with a research group or to participate in the Unitech, Cluster or Erasmus exchange programmes.

The optional fifth year allows students to study toward the Masters degree qualification at a more advanced level, including an individual Capstone research project and thesis.

GET IN TOUCH!

www.tcd.ie/civileng

 civeng@tcd.ie

WHAT OUR GRADUATES SAY

Sharon Farrell

Working now as a civil engineer, the degree and knowledge I gained during my time in Trinity still stands to me today. Having an appreciation of the different areas within engineering is extremely useful when working in the field, which is exactly what this course provides even after you specialise. For me, having this understanding has been extremely beneficial on recent projects, as it allows me to manage large projects as well as continuing with detailed design elements.

WOULD YOU LIKE TO...

Create buildings and cities in which millions of people can live happily and securely?

Develop advanced technical skills and use them in a successful career that directly benefits society?

Help build a sustainable future for everyone while protecting our environment?

Computer Engineering

Students who wish to study Computer Engineering apply to the Engineering degree (TR032).

The first two years are common to all Engineering students and at the end of the second year students select Computer Engineering as their specialist area.

See page 138 for details of the first two years.



Technology has evolved significantly in the last 20 years and it is no longer so easy to separate the skills of design engineers in Electronic Engineering and Computer Engineering. Therefore Trinity offers three specialties in the area: Electronic Engineering, Computer Engineering and Electronic and Computer Engineering. If you are interested in Computer Engineering you should also consider Electronic and Computer Engineering and Electronic Engineering.

What is Computer Engineering?

A computer engineer has mastered the necessary knowledge of mathematics and systems to tackle a whole range of real-world problems. Layered on top of these fundamentals is a set of specialist skills in computing that range from how a computer is designed and constructed to the application of computing power to solve a range of problems from social media to navigation, from medicine to space travel, and many more besides. The impact of computer engineering has been more significant and more pervasive than that of many other disciplines. The smart phone, tablet computers, the Internet and games consoles are all products that were not even imagined 30 years ago, but have now been realised by the ingenuity of computer engineers.

Computer engineers may design computer hardware, write computer programs, integrate the various sub-systems together or do all three. They need good people skills as they often get quickly promoted to management positions.

Computer Engineering at Trinity

The School of Computer Science and Statistics which runs the Computer Engineering programme is the oldest computer science department in Ireland with more than 60 academics and more than 300 postgraduate students. The school is highly respected internationally for the quality of its research

and many of the staff who will teach you are among the world's leading experts in their fields.

Graduate skills and career opportunities

The demand for software and system designers will continue to grow within the next decade. When you graduate you will find opportunities for employment in software companies, financial institutions, large industrial organisations, research institutions and multinationals in Ireland as well as in Europe, the US and Asia.

Your degree and what you'll study

In the third year, you will learn how computer systems are constructed from the ground up. You will study low-level assembly language programming to develop a deep understanding of what lies beneath the C++ and Java programs you have written in earlier years. How Operating systems (such as Windows, iOS and Linux) regulate access to hardware and how networks build from simple point-to-point links up to global networks like the Internet are also studied both in theory and in the form of experiments. Encryption and other security-related topics are also covered. By the time you get to the fourth year, you are ready to undertake a major individual Capstone project or you can opt to take an internship with an employer in the computer industry (multi-national, local company or startup). You can choose from a range of modules exploring how computers can render complex graphics, how they can see and understand video images and how this can be used with headset hardware for augmented reality. The ability of computers to harvest, store and process huge amounts of complex data is central to Computer Engineering, as are the energy and sustainability aspects of operating large cloud computing centres. You can further explore how hackers break into computer systems and how to defend against attack.

The fifth (optional) year leads to a Masters degree (M.A.I.) in engineering and it is here that students get to carry out a major dissertation on a topic of their choice. This is a chance to really become a world-class expert in your favourite topic, researching what others have done across the world and building a hardware or software prototype that demonstrates this. As with the fourth-year project, the topic could be anything from helping to manage huge cloud computing facilities through novel face-recognition algorithms to uncovering fraud in bitcoin transactions. To support your work on the Capstone project you can take a number of optional courses in the first semester including: Fuzzy Logic; Formal Methods; Advanced Computer Architecture; Embedded Systems; Distributed Systems; Networked Applications; Artificial Intelligence; Real Time Animation.

GET IN TOUCH!

www.scss.tcd.ie/undergraduate/computer-engineering

E enquiries@scss.tcd.ie

DO YOU ENJOY...

Planning and executing the solution to a problem?

Understanding systems?

Trying out the latest in new technology?

Electronic Engineering

Students who wish to study Electronic Engineering apply to the Engineering degree (TR032).

The first two years are common to all Engineering students and at the end of the second year students select Electronic Engineering as their specialist area.

See page 138 for details of the first two years.



Technology has evolved significantly in the last 20 years and it is no longer so easy to separate the skills of design engineers in Electronic Engineering and Computer Engineering. Therefore Trinity offers three specialties in the area: Electronic Engineering, Computer Engineering, and Electronic & Computer Engineering. If you are interested in Electronic Engineering you should also consider Electronic & Computer Engineering and Computer Engineering.

What is Electronic Engineering?

Until recently it was possible to define the skillset of an electronic engineer as related to the design of hardware chips that could, for instance, be found in computers and consumer devices. In fact it is a continuously evolving profession and is the driving force behind the development of the world's information technology. Electronic engineers create, design and develop everyday devices like the mobile phone, tablets, game engines and computers. In particular they increasingly design systems which are at the interface between decision making systems and actions in the real world. That means an engineer in this specialty has to also have a working knowledge of software engineering since all engineers now exploit software design to implement ideas and prototypes.

DO YOU ENJOY...

Building systems that interface with things in the real world?

Interpreting data to automate or understand sophisticated tasks?

Learning how entertainment technology works?

Graduate skills and career opportunities

The careers open to graduates in electronic engineering range from circuit design in semiconductor companies, through network design and management in telecommunications companies, media engineering in Netflix, YouTube and the entire cinema postproduction industry. There are opportunities in business and financial management, where systems for high speed calculations are the driving force behind the modern stock market. Companies employing Electronic Engineering graduates include Boston Scientific, Universal Robots, Xilinx, Intel, Netflix, YouTube, Disney, Ericsson, Analog Devices, Google, EirGrid, SIG, JumpTrading and Accenture.

Your degree and what you'll study

You begin in the first two years with fundamentals of hardware circuit design and data analysis. You will be given a foundation in how analogue and digital electronic circuits work, test the systems used for high level chip design and even experiment with autonomous vehicle control. In the third year your specialism deepens to include digital analysis of signals as a preparation for Machine Learning in the subsequent years. You will also delve into how information is coded and transmitted in radio links used in mobile phone networks and satellite communication. All electronic engineers must have a working knowledge of software design and so on the computing side, you will learn how the basic analogue and digital circuits combine to form complex processors (CPUs), how these are programmed at machine level (assembly language) and be introduced to fundamentals of software design.

By the time you get to the fourth year, you are ready to undertake a major individual Capstone project or you can opt to take an internship with an employer in the computing and electronics industries.

You can choose from a range of modules exploring biomedical electronics, entertainment system design, machine learning and reconfigurable hardware design. Students also have the opportunity to choose specialist telecommunications and data analysis modules. Opportunities are offered to undertake a placement in industry or with a research group or to spend some time studying abroad through the Unitech, Erasmus or Cluster programmes. Examples of companies that accepted our students include Intel, SIG, Boston Scientific, Qualcomm, etc.

The fifth (optional) year leads to a Masters degree (M.A.I.) in engineering and it is here that students get to carry out a major dissertation on a topic of their choice. This is a chance to really become a world-class expert in your favourite topic, researching what others have done across the world and building a hardware or software prototype that demonstrates this. As with the fourth year project, the topic could be anything from wireless communications, signal processing systems, biomedical devices and systems, helping to manage huge cloud computing facilities, through novel face-recognition algorithms to uncovering fraud in bitcoin transactions. To support your work on the dissertation, you can take a number of optional courses in the first semester including: Motion Picture Engineering; Speech and Audio Engineering; Wireless Networks and Communications; Advanced Computer Architecture; Artificial Intelligence and Real-time Animation.

GET IN TOUCH!

www.tcd.ie/eleceng

E secretary@mee.tcd.ie

Electronic and Computer Engineering



Students who wish to study Electronic and Computer Engineering apply to the Engineering degree (TR032).

The first two years are common to all Engineering students and at the end of the second year students select the joint programme in Electronic and Computer Engineering as their specialist area.

See page 138 for details of the first two years.

Technology has evolved significantly in the last 20 years and it is no longer so easy to separate the skills of design engineers in Electronic Engineering and Computer Engineering. Therefore Trinity offers three specialties in the area: Electronic Engineering, Computer Engineering, and Electronic and Computer Engineering. If you are interested in Electronic and Computer Engineering you should also consider Electronic Engineering, and Computer Engineering.

What is Electronic and Computer Engineering?

Organising both hardware (electronic) and software (computer) components into a useful and productive system is the principal job of the electronic and computer engineer. With a unique combination of both skill-sets, such an engineer is trained to lead product design that requires both critical hardware and software expertise. The fundamental skillset of an engineer in this specialty is a capacity to apply mathematical analysis to design problems and the ability to exploit and adapt software workflows.

Graduate skills and career opportunities

There is a wide spectrum of careers open to graduates of Electronic and Computer Engineering. You could be developing reconfigurable hardware for high-speed Artificial Intelligence calculations in the cloud or algorithms for driverless cars. There are also opportunities in business and financial management where the analytic and problem-solving skills of electronic and computer engineers have long been appreciated. Companies employing Electronic and Computer Engineering graduates include Google, Intel, Movidius and Accenture.

Your degree and what you'll study

This degree option blends aspects of both the Electronic Engineering (see page 145) and Computer Engineering (see page 144) options into one course. You will be given a foundation in how analogue and digital electronic circuits work, delve into how information is coded and transmitted across noisy channels (such as the radio links used in mobile phone networks and satellite communication) and learn how these complex channels can be crafted into worldwide networks, such as the Internet, on which we all depend. On the computing side, you will learn how the basic analogue and digital circuits combine to form complex processors (CPUs), how these are programmed at machine level (assembly language) and how operating systems (such as Linux and Windows) make the machine capabilities accessible for high level application programmers. By the time you get to the fourth year, you are ready to undertake a major individual Capstone project or you can opt to take an internship with an employer in the computing and electronics industries (multi-national, local company or startup).

You can choose from a range of modules exploring how computers can render complex graphics, how they can see and understand video images and how this can be used with headset hardware for augmented reality. You can further explore how hackers break into computer systems and how to defend against attack. Students will also have the opportunity to choose specialist telecommunications and signal processing modules. There may also be the opportunity to undertake a placement in industry or with a research group or to spend some time studying abroad through the Unitech, Erasmus or Cluster programmes. The fifth (optional) year leads to a Masters degree (M.A.I.) in engineering and it is here that students get to carry out a major dissertation on a topic of their choice. This is a chance to really become a world-class

expert in your favourite topic, researching what others have done across the world and building a hardware or software prototype that demonstrates this. As with the fourth year project, the topic could be anything from wireless communications, signal processing systems, biomedical devices and systems, helping to manage huge cloud computing facilities, through novel face-recognition algorithms to uncovering fraud in bitcoin transactions. To support your work on the dissertation, you can take a number of optional courses in the first semester including: Motion Picture Engineering; Speech and Audio Engineering; Statistical Signal Processing; Wireless Networks and Communications; Distributed Systems; Fuzzy Logic; Formal Methods; Advanced Computer Architecture; Networked Applications; Artificial Intelligence and Real-time Animation.

GET IN TOUCH!

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enquiries@scss.tcd.ie

DO YOU ENJOY...

Using computers to interface with things in the real world?

Interpreting data to automate or understand sophisticated tasks?

Understanding how communication systems work?

Mechanical and Manufacturing Engineering



Students who wish to study Mechanical and Manufacturing Engineering apply to the Engineering degree (TR032).

The first two years are common to all Engineering students and at the end of the second year students select mechanical and Manufacturing Engineering as their specialist area.

See page 138 for details of the first two years.

What is Mechanical and Manufacturing Engineering?

This is often seen as the broadest of all engineering qualifications as the skills required range from mathematics and electronics to metal fatigue and fluid mechanics. Nearly all machines used in everyday life — from the car or washing machine to the most complex aircraft or electricity supply plant to the tiniest surgical instrument — have required the skills of a mechanical engineer. Every industrial plant or manufacturing operation relies on a mechanical engineer for its smooth running and efficiency.

Mechanical engineers are involved in design, testing, inspection and manufacture of mechanical devices and components. As a mechanical engineer you will work as a professional using technology to make the world a better, safer place.

Graduate skills and career opportunities

Our graduates have taken jobs in sectors such as: High tech manufacturing (Intel, Pfizer, DePuy, National Instruments, Seagate, Siemens); Automotive (Jaguar, Rover, BMW, Dromone); Engineering and Business Consultancy (Arup, Deloitte, Accenture); Energy (OpenHydro, ESB, Eirgrid, EDF, Vattenfall); and Process Engineering (Cameron Flow Control, Procter & Gamble, Syngenta, Glanbia, Kerry).

Our graduates went on to Masters and Ph.D. programmes in universities such as: RCS; University of Edinburgh, Imperial College London, University of Cambridge, ETH Zürich, KTH Royal Institute of Technology, Université Grenoble Alpes, and Massachusetts Institute of Technology.

As well as the potential for a career in mainstream mechanical or manufacturing engineering, graduates have found work in industries as diverse as film production, financial services and aircraft leasing and management. There is also a demand for specialist research and development work in industry, research organisations and universities. Opportunities

exist for graduates in mechanical and manufacturing engineering to find employment in Ireland and elsewhere in engineering consultancies, public utilities (transport, power generation) and manufacturing industries in the mechanical, electronic and biomedical sectors.

Your degree and what you'll study

- Mechanics – how things like cars and wind turbines move, deform and break
- How to design new machines and technology
- Advanced manufacturing techniques such as rapid prototyping
- How heat and energy can be captured, used and managed

Course topics include: Energy; Solid Mechanics; Engineering Materials; Fluid Mechanics; Manufacturing Technology and Systems; Dynamics; Mechatronics; and Engineering Design.

In third year you will study core engineering subjects, specialised mechanical and manufacturing engineering subjects and a Trinity Elective module. In fourth year and optional Masters (fifth) year you will choose from a wide range of technical and non-technical modules, tailoring your degree to suit your own interests.

Project work is an important aspect of this degree and there is an extensive research facility available to students. You will carry out several projects, including a major Capstone research project in your final year. Some examples of final-year projects include:

- Study of jet engine exhaust noise
- Design and build an entry for 'Robot Wars'
- Design and construction of energy storage devices for the developing world
- Pedestrian car impact simulation
- Bamboo: study of structure and mechanical properties

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www.tcd.ie/mecheng

julee@tcd.ie

DO YOU ENJOY...

Imagining new solutions to problems?

Exploring how machines and technology work?

Using computers and mathematics to apply physics to the real world?



Engineering with Management

B.Sc. (Ing) Honours Bachelor Degree (NFQ Level 8)

Optional: M.A.I. Masters Degree (NFQ Level 9)

Course Code	CAO Points 2022	Places 2023	Duration
TR038	590	27	4 years (5 years with a Masters)

What is Engineering with Management?

Engineering with Management is an exciting and wide-ranging engineering programme that is broad in scope and aims to develop both the technical and business aspects of engineering. Engineers are problem solvers. In almost every human endeavour, an engineer has been involved somewhere. They have created the designs and systems to make everything from: gliders to space craft, ball-point pens to laser printers, matchbox cars to F1 racing cars, wheelchairs to artificial joints for the human body.

Engineering with management is concerned with the analysis, design, improvement, installation and management of integrated systems of people, finance, materials and equipment. Our graduates have the technical skills common to all excellent engineers, with this knowledge augmented by an understanding of the commercial and industrial environment and the ability to generate innovative solutions to the problems of the world.

DO YOU ENJOY...

Creative, analytical, problem solving?

Using soft and hard skills to create new things?

Turning ideas from dream to reality?

Engineering with Management: The course for you?

Do you like the creative, analytical, problem-solving focus of engineering? Do you like the diversity of engineering? Perhaps, though, you see your professional life more involved with running a company, managing projects, or being a consultant? If any of these describes you, then you should consider this course. The diversity and flexibility of this course will give you endless possibilities in your professional life, both in what you do and how you do it. As well as providing the core competencies for employment in research, manufacturing, production, design and engineering consultancy, the breadth of the course equips graduates to compete favourably with general graduates for careers in the business and financial sectors.

Engineering with Management at Trinity

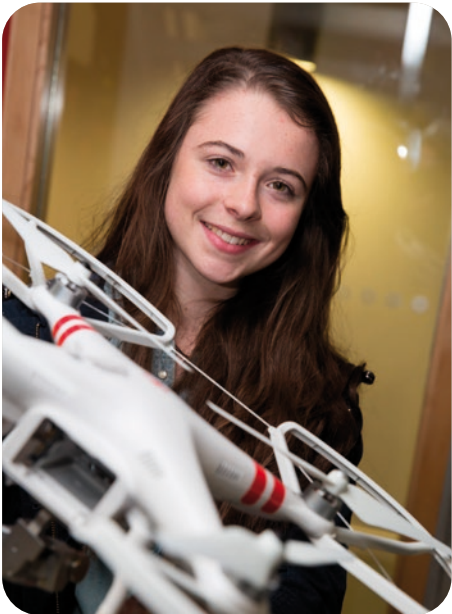
A key feature of the engineering with management programme is that the class size is capped at 30 students. This reflects a core belief in the value of small-group teaching and hands-on exercises, which is delivered through active learning strategies implemented by our world-class staff. The course is a professional engineering degree, fully accredited by Engineers Ireland, that produces graduate engineers capable of working in the competitive environment of world-class manufacturing.

Students have the opportunity of studying abroad and have the chance to be chosen for a team which travels to Stanford University and the Silicon Valley area to showcase their product design projects.

Graduate skills and career opportunities

Graduates of the programme will be suited to jobs in the high-tech sector (such as computer, aerospace, pharmaceutical, medical devices, electronic) as well as traditional manufacturing (such as design, fabrication, assembly). They often work as project managers on teams with design and test engineers, managers, financial controllers, marketing and sales people. The qualification is also well suited to those who wish to pursue careers in project management and management consultancy as well as in the broader business and financial sectors.

Past graduates are currently working in DePuySynthes, IBM, Intel, Project Management Group, JP Morgan, Davies Stockbrokers, Pfizer, Jaguar Land Rover, Denis Woods Forensic Engineers, PwC Accountancy, Accenture, and Reckitt Benckiser, and many have gone on to create tech startup businesses.



Special Entry Requirements

Leaving Certificate	H4	Mathematics
Advanced GCE (A Level)	Grade C	Mathematics
International Baccalaureate	HL Grade 5	Mathematics

Your degree and what you'll study

The course is structured around themes that are developed over the four years. These themes are: Engineering Fundamentals, Business and Management, Design and Manufacturing Engineering. Approximately 80% of the syllabus comprises engineering subjects such as design, automation, computer simulation/modelling, bio-engineering and materials. The remaining 20% comprises management subjects such as marketing, finance, quality systems, supply chain management and human resources management. Engineering is a busy but exciting course with typically full days in labs, workshops and lectures, as well as working on team and group projects.

A variety of assessment techniques ranging from traditional examinations to continuous assessment, project work, design portfolios is used over the four or five years.

Throughout the course, a strong emphasis is placed on group projects, case studies and teamwork. Many of our fourth years are undertaking the 4E5 (Innovation in Product Development) module. This pairs Trinity students in teams with students from the world's leading universities (such as Stanford in the US); each team consisting of 4 students from each university. The course also involves trips to Stanford and the Silicon Valley area. The teams are working with industrial sponsors, recent examples being SAP and Panasonic, with a mission to create innovative solutions to real customer needs.

At the end of year three you make a decision to pursue a bachelor's degree (B. Sc.(Ing)) or a Masters degree (M.A.I.) depending on achieving the necessary academic standards.

Most of our fourth year students are in the first year of a two year Masters-cycle leading to the award of an M.A.I. degree. Students electing to conclude their studies with a bachelor's degree (B.Sc. (Ing)) undertake a Capstone project. Those continuing to a fifth year have a number of other options such as the innovation projects, industry-based internships, or study-abroad programmes (see below). Students in fifth year (studying for an M.A.I. qualification) undertake a major individual research project and range of advanced specialist technical modules.

Five year Masters degree

Students who achieve a satisfactory academic standard in their third year may proceed to a two-year Masters degree cycle, which will lead to the award of an M.A.I. (Masters in Engineering) degree. Those students who choose to graduate after four years with the B.Sc. (Ing) degree will require additional qualifications to be eligible for professional accreditation with Engineers Ireland.

Four principal routes are available:

- The entire fourth year is taken abroad at an approved partner university, after which students return to Trinity and complete their studies with an appropriate range of advanced level modules and a substantial research-based project.
- Semester 2 of year 4 is spent in industry on the Engineering project Internship where students carry out project work in one of Trinity's internship partner industrial companies based in Ireland or abroad. The engineering project internship is full time from mid-January to June. Example companies include; Nokia, DepuySynthes, Ferrari, Glanbia, Deloitte, PwC and many others.
- An extended period (approximately 6-8 months) in the fourth year is spent at either an approved partner university (such as KTH Stockholm, IST Lisbon, UPC Barcelona, EPFL Lausanne, KUL Belgium), or in a formal industrial placement, after which students return to Trinity and complete their studies with an appropriate range of advanced level modules and a substantial Capstone research project.
- An integrated two-year cycle based in Trinity, comprising an approved combination of project work and lectures.



Dual Engineering Masters Pathway Programme

Trinity College Dublin and Columbia University

Engineering with Management (TR038) students can avail of a dual Masters pathway programme with Columbia University leading to the award of a professionally-accredited MAI degree by Trinity Engineering and an MS degree by Columbia.

As part of the pathway, students complete the first four years of the five-year integrated Engineering or Engineering with Management (MAI) programmes in Trinity, followed by a year at Columbia, during which they can choose from one of several existing Master of Science (MS) courses. Please see page 141 for more details about the Pathway Programme and application process.

Other courses you might enjoy

TR032: Engineering, page 138

TR034: Management Science and Information System Studies (MSISS), page 136

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www.tcd.ie/mecheng/engman

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WHAT OUR GRADUATES SAY

Rory Stoney

From day one we were challenged with the task of becoming problem solvers, critical thinkers but with an acute focus on being able to communicate and present ideas and concepts to others. There was always a very clear connection between the work we did and real-world application. This was one of the biggest winners for me. We could see where our learning could be applied in the real world. I owe the current continued success of my own company (StoneyCNC) largely to the learning and experience from studying in Trinity. I can't recommend it enough.

Environmental Science and Engineering

B.Sc. Honours Bachelor Degree (NFQ Level 8)

Optional:

M.A.I. Masters in Engineering or
MAES Masters in Applied Environmental Science

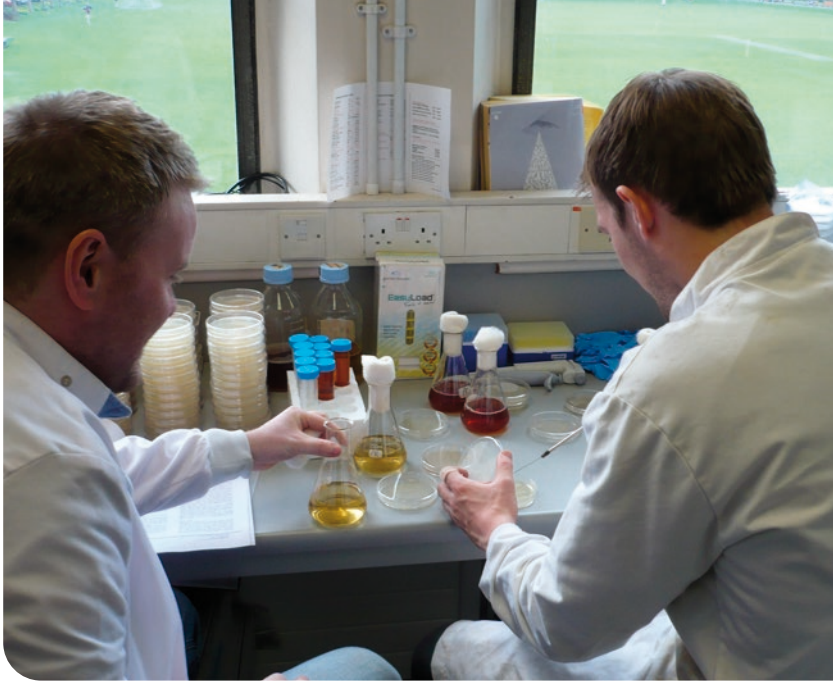
Course Code	CAO Points 2022	Places 2023	Duration
TR064	555	26	4 years (5 years with a Masters)



Special Entry Requirements

Leaving Certificate	H4	Mathematics
	H4	in one Science subject*
Advanced GCE (A Level)	Grade C	Mathematics
	Grade C	in one Science subject*
International Baccalaureate	HL Grade 5	Mathematics
	HL Grade 5	in one Science subject*

* One of the following science subjects: Physics, Chemistry, Biology, Physics/Chemistry, Geography, Geology, Agricultural Science, Computer Science



What is Environmental Science and Engineering?

Environmental Science and Engineering is a new integrated undergraduate with postgraduate degree course that aims to train the next generation of graduates who have the competencies, knowledge and experience necessary to design and deploy solutions that protect and improve our environment and human wellbeing, and that work with rather than against the natural world to foster biodiversity, climate action and sustainable use of Earth's finite resources.

Students complete an integrated five-year course consisting of four year B.Sc. plus an additional year of study leading to either Master in Engineering (Studies) a M.A.I. (St.) or Master in Applied Environmental Science MAES.

Environmental Science and Engineering: The course for you?

The course will provide students with fundamental grounding in the natural sciences and engineering, and in the applied skills required to develop sustainable solutions for major societal and environmental challenges. The unique combination of engineering and natural sciences modules represents one of the first in Ireland and internationally. Strong emphasis is placed on students acquiring practical laboratory and field skills, as well as working in teams.

Environmental Science and Engineering at Trinity

This new integrated degree programme is delivered through the expertise of two Schools (School of Natural Science and the School of Engineering).

The School of Natural Sciences conducts research, and delivers teaching, on all aspects of the natural world, from the formation of the earth, the behaviour of the environment, the evolution and ecology of its organisms and its interactions with human society.

Trinity's School of Engineering is ranked in the top 100 engineering schools in the world and offers outstanding teaching by engineers who are at the forefront of their field worldwide. The School of Engineering is a vibrant, intellectual community of innovative researchers, teachers and students, which combines high-quality teaching with expansive research activity.

Graduate skills and career opportunities

Environmental Engineers and Applied Environmental Scientists who graduate from this new interdisciplinary programme will address some of the most challenging and important issues of our time in terms of sustainable development, particularly with respect to the protection of the environment. Graduates will have a strong grounding in environmental science in conjunction with applied engineering skills and problem solving approaches and will therefore be at the forefront of initiatives to solve the challenges of many of the United Nations Sustainable Development Goals.

Graduates from this programme will be highly skilled and employable in both industrial and governmental organisations both here in Ireland as well as overseas. Recent graduates from the Civil Engineering stream who have specialised in Environmental Engineering are working in R&D, civil engineering and environmental consultancies, environmental regulation, energy companies, mining companies as well as setting up new ventures.

Our environmental engineers and scientist graduates are also working in the design and development of environmental solutions with leading engineering consultancies such as Arup, RPS, ESB International, Shell, and IBM. Such companies have a strong demand for high quality graduates at Masters (and Ph.D.) level due to the high technical level off their work. Environmental engineers and scientists also find employment in governmental regulatory organisations and other institutions such as local authorities, Environmental Protection Agency, Geological Survey Ireland, Teagasc as well in Humanitarian Non-Governmental Organisations (Concern, GOAL, Selfhelp Africa).

Your degree and what you'll study

Drawing on the expertise of the School of Engineering and the School of Natural Science at Trinity, this programme focuses on delivering a research-inspired, outcome-based educational experience to students.

Students complete an integrated five-year course consisting of four year B.Sc. plus an additional year of study leading to a M.A.I. (St.) or MAES. During the first three years a balanced and integrated programme of modules in environmental science and engineering is provided.

Following completion of the first three years of the course, students start to follow a more specialised programme in one of Environmental Engineering or Applied Environmental Science, although there is still many shared courses and projects between the two strands.

In Year 4, students have the option to undertake an Industry Internship or International Exchange in their chosen stream. These options include Erasmus, UNITECH (as a paid industrial partnership) and CLUSTER. Alternatively, a student can stay for the full year in Trinity and undertake a Capstone project module which aligns with their chosen stream, in addition to at least 2 optional modules associated with their

chosen stream. Following completion of the fourth year of the environmental science and engineering degree course it is anticipated that most eligible students would elect to complete one further year of study in their chosen strand leading to a M.A.I. (St.) or MAES degree.

This new course will be delivered through laboratory practicals, lectures and field work which includes international trips. The course has been designed to embed a diverse array of assessment approaches across the entire 5 year programme. These include summative and formative assessment approaches, peer assessment, group assessment, self-assessment and more conventional continuous and exam assessment methods.

Study abroad

Students who spend the first semester of fourth year in Trinity may then spend the second semester on an industrial placement where they complete an industry-based project. Students following this mode will have two project supervisors: a staff member of the host company, to provide day-to-day guidance whilst on placement as well as liaison with

Trinity and a member of Trinity's academic staff. Alternatively, students who have chosen the Environmental Engineering route may opt to spend the fourth year on the Cluster/Unitech programme in a partner University, or on an Erasmus exchange as per existing M.A.I. (St.).

Students who have chosen the Applied Environmental Science route may opt to spend the fourth year on an Erasmus exchange. The Erasmus programme will build on a current shared programme run by the Schools of Natural Sciences and Engineering. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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envscieng@tcd.ie



Science

B.A. (Moderatorship) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR060 Biological and Biomedical Sciences	566	235	4 years
TR061 Chemical Sciences	543	90	4 years
TR062 Geography and Geoscience	487	54	4 years
TR063 Physical Sciences	524	72	4 years



What is Science?

Science is about knowledge: the generation of knowledge through research and its acquisition through learning. Scientific investigation allows us to understand the world around us: how the physical world has evolved and changed since the Big Bang and how life has advanced into complex, diverse forms. The application of scientific knowledge has led to world changing developments such as modern medicine, the mobile phone and efficient methods of energy production. As we acquire new knowledge, our understanding of the world changes which in turn leads to new and better applications. There is still much to discover and new applications to be developed. Do you want to contribute?

Is Science the course for you?

Science at Trinity is offered through four different entry routes/streams leading to an honours degree following four years of study. We offer students opportunities to choose from four entry paths/streams: Biological and Biomedical Sciences; Chemical Sciences; Geography and Geoscience; Physical Sciences. These four entry routes lead to one of 20 exit routes. The programme will offer students a detailed knowledge and thorough understanding of the scientific method. Students will learn scientific skills while developing an understanding of the role and Influence of science on society.

DO YOU...

Have a natural curiosity about the world around you?

Want to experience the excitement of scientific discovery?

Want the scientific knowledge that allows you to contribute to solving some of the problems facing mankind today?

Science at Trinity

The advantages of studying science in Trinity:

- Outstanding teaching by scientists and mathematicians who are at the forefront of their fields worldwide
- Coherent, progressive programmes in four broad streams
- Wide range of specialist moderatorship subjects
- Broad choice of additional, approved and elective modules
- All students complete a Capstone research project
- Small classes in third and fourth year
- Opportunities to study abroad before and after graduation
- Rigorous education and training in chosen field
- Excellent career prospects in Ireland and abroad
- Trinity is recognised internationally as one of the top research universities in Europe
- Research-led teaching by world leaders in their fields of study

Graduate skills and career opportunities

Science graduates develop a wide range of skills, some of which include:

- A working understanding of the scientific method and how scientific knowledge is acquired
- A capability for critical thinking and evaluation of current and novel concepts and ideas
- A detailed knowledge of the specialist area of study, its core principles and an awareness of its knowledge boundaries
- Creativity, with an ability to formulate novel concepts and ideas
- The ability to collect qualitative and quantitative data with precision and organisation
- The numeracy to analyse and critically evaluate data using appropriate mathematical, statistical, computational and other relevant methods
- Capability to manage a project, set and achieve objectives and manage resources
- Capability to communicate knowledge, concepts and ideas to scientific and non-scientific audiences
- An understanding of the role and influence of scientific knowledge on society



Special Entry Requirements

Leaving Certificate	H6 or O4	Mathematics
	H4	In two* of physics, chemistry, biology, physics/chemistry, geology, geography, mathematics, applied mathematics, agricultural science, computer science.
GCSE	Grade B/6	Mathematics
Advanced GCE (A Level)	Grade C	In two of physics, chemistry, biology, physics/chemistry, geology, geography, mathematics, applied mathematics, agricultural science, computer science.
International Baccalaureate	SL Grade 5	Mathematics
	HL Grade 5	In two of physics, chemistry, biology, physics/chemistry, geology, geography, mathematics, applied mathematics, agricultural science, computer science.

* Combinations of subjects not permitted:
Physics/chemistry with physics or chemistry. Agricultural science with biology.



Many Trinity Science and Mathematical graduates pursue graduate courses or research leading to an M.Sc. or Ph.D. Trinity Science and Mathematics graduates pursue a wide variety of careers in a diversity of areas – for example:

- Universities and research institutes
- Chemical and pharmaceutical industries
- Biotechnology
- Electronics, computer and IT industries
- Agricultural and food industries
- Medicine
- Hospital and medical services
- Teaching
- Science administration, communication and journalism
- Law, business, financial services

Your degree and what you'll study

Trinity Science is split into four different entry routes:

TR060 – Biological and Biomedical Sciences

(Degree options for TR060: Biochemistry, Botany, Environmental Sciences, Genetics, Human Genetics, Immunology, Microbiology, Molecular Medicine, Neurosciences, Physiology, Zoology)

TR061 – Chemical Sciences

(Degree options for TR061: Chemistry, Chemistry with Biosciences, Chemistry with Molecular Modelling, Medicinal Chemistry, Nanoscience)

TR062 – Geography and Geoscience

(Degree options: Geography; Geoscience)

TR063 – Physical Sciences

(Degree options: Physics; Physics and Astrophysics; Nanoscience)

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www.tcd.ie/science

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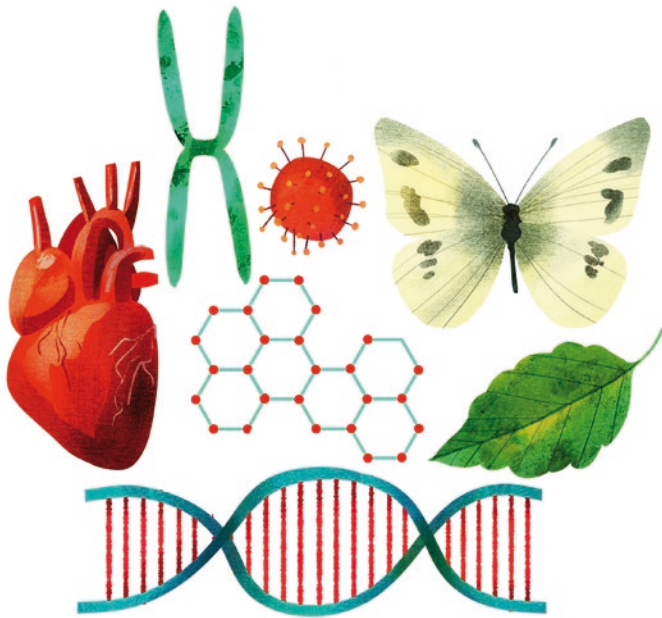
Please contact us by email to arrange a visit if you're thinking about studying Science at Trinity.

	1st Year	2nd Year	3rd and 4th Year	
TR060	40 Core + 20 Elective Credits	40 Core + 20 Elective Credits	<ul style="list-style-type: none">BiochemistryBotanyEnvironmental ScienceGeneticsHuman GeneticsImmunologyMicrobiologyMolecular MedicineNeurosciencePhysiologyZoology	Quota 235
TR061	40 Core + 20 Elective Credits	40 Core + 20 Elective Credits	<ul style="list-style-type: none">ChemistryChemistry with BiosciencesChemistry with Molecular ModellingMedicinal ChemistryNanoscience	Quota 90
TR062	40 Core + 20 Elective Credits	40 Core + 20 Elective Credits	<ul style="list-style-type: none">GeographyGeoscience	Quota 54
TR063	40 Core + 20 Elective Credits	40 Core + 20 Elective Credits	<ul style="list-style-type: none">NanosciencePhysicsPhysics and Astrophysics	Quota 72

Biological and Biomedical Sciences

B.A. (Moderatorship) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR060	566	235	4 years



Structure of the Biological and Biomedical Sciences (TR060) programme

In this stream, students will study the core concepts that are fundamental to all biological systems, from molecules, to cells, organisms and up to entire ecosystems. In addition, students will acquire mathematical, statistical and computational skills and study the history, philosophy and ethics of science. Students have the opportunity to choose from a variety of open modules including topics such as animal behaviour, genomes and disease, microbes and immunity, chemistry for biologists and geochemistry.

In the third year, students specialise in one of the 11 moderatorships offered in this stream: Biochemistry; Botany; Environmental Science; Genetics; Human Genetics; Immunology; Microbiology; Molecular Medicine; Neuroscience; Physiology; Zoology. In the fourth year students choose from a selection of modules on advanced topics within their discipline. They will also undertake a research project in Trinity or in a research laboratory in another university, research institute or hospital.

This science education programme is designed to foster and develop a student's capability for independent thought and effective communication, an ability to continue their education independently and to act in a responsible manner. These attributes are a preparation for a career in science and medicine (such as in research, biotechnology, pharmaceutical industry); for a career in related areas where a scientific education is beneficial (such as patent law, forensic science) and for careers in areas such as education, management, business, industry, communication and policy making.

Special Entry Requirements

Leaving Certificate	H6 or O4	Mathematics
	H4	In two* of physics, chemistry, biology, physics/chemistry, geology, geography, mathematics, applied mathematics, agricultural science, computer science.
GCSE	Grade B/6	Mathematics
Advanced GCE (A Level)	Grade C	In two of physics, chemistry, biology, physics/chemistry, geology, geography, mathematics, applied mathematics, agricultural science, computer science.
International Baccalaureate	SL Grade 5	Mathematics
	HL Grade 5	In two of physics, chemistry, biology, physics/chemistry, geology, geography, mathematics, applied mathematics, agricultural science, computer science.

* Combinations of subjects not permitted:
Physics/chemistry with physics or chemistry. Agricultural science with biology.

WHAT OUR STUDENTS SAY

Tala Farah

I chose to study this course at Trinity because I read into the faculty and saw that many were at the top of their fields and thought it would be amazing to be taught by them. To be in the same room as them and get a sense of how their minds work inspires me to think outside of the box and discover new things through independent study and research.

If I were to describe Trinity in three words, they would be: innovative, enlightening and diverse.



Biochemistry

Students who wish to study biochemistry for their degree apply to the biological and biomedical sciences stream (TR060) and may select biochemistry as their specialist subject for the third and fourth years at the end of the second year.



Biochemistry at Trinity

When you study biochemistry at Trinity you will have the opportunity to learn from leading researchers in cancer biology, obesity, diabetes, neurodegeneration, immunology, immunometabolism, parasitology, protein structure and drug development. Teaching and training takes place in a state-of-the-art facility, the Trinity Biomedical Sciences Institute, which allows interdisciplinary training in biomedical sciences.

Graduate skills and career opportunities

This degree will equip you to find employment in a wide variety of jobs. Biochemistry graduates work in the pharmaceutical industry, in hospitals, in government agencies such as Forensic Science Ireland and in science journalism including in RTÉ, BBC and the Nature group. Our graduates are also in high demand in careers such as information systems, teaching, management and patent law.

DO YOU ENJOY...

Biology and/or chemistry?

Finding how out living things work and why sometimes things go wrong?

Discovering new ways to treat and prevent illnesses?

Your degree and what you'll study

Third year

You will study topics including protein structure and function, membrane and cell biology, nucleic acids and research skills. You carry out individual and group project work in third year and there is an emphasis on developing your science communication skills. You also have an opportunity to study complementary modules in other areas of Biology and you can take Trinity Elective modules in non-science subjects.

Fourth year

In fourth year you study advanced modules in biochemistry that draw directly from the research ongoing in the school including in the areas of neurobiology, parasitology, cancer biology and metabolic diseases. You will also undertake an individual Capstone research project, where you work alongside a Trinity professor in his/her research laboratory. Some recent research projects have looked at the role of inflammation in the progression of breast cancer and the mechanisms that underly chronic neurodegeneration following traumatic brain injury.

Study abroad internship

The School of Biochemistry and Immunology participates in the Erasmus scheme which offers the opportunity for students to spend their third year studying in a partner university. Further information on the year abroad programme, and a list of partner universities, can be found at: www.tcd.ie/biochemistry/undergraduate

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

GET IN TOUCH!

www.tcd.ie/biochemistry

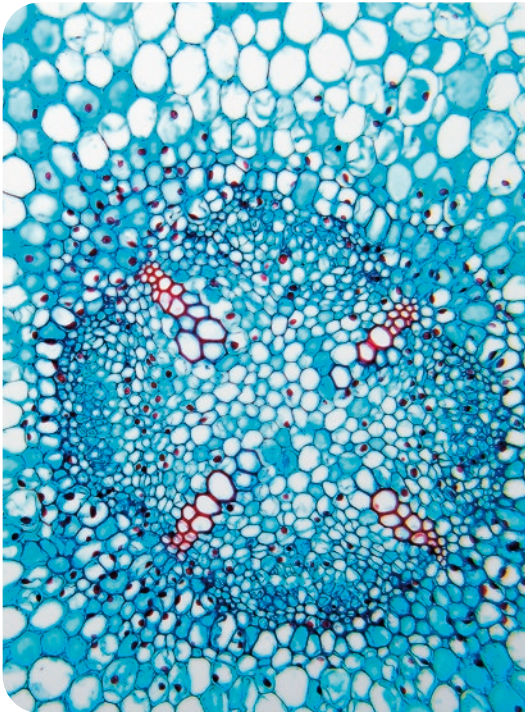
science@tcd.ie

WHAT OUR GRADUATES SAY

Orla Hanrahan

I chose biochemistry as my degree area mainly because this subject links to so many areas of biomedicine and the emphasis it placed on developing a broad range of skills suitable for graduate entry into many career areas.

I was recruited by Andor Technology, where I work as an Application Specialist in Life Science. This role keeps me in touch with all the latest developments and innovations in camera technology and microscopy applications and gives me the opportunity to interact with researchers in universities, companies and hospitals all over the world.



Botany



Students who wish to study Botany apply to the Biological and Biomedical Sciences Stream (TR060) and may select Botany as their specialist area for the third and fourth years at the end of the second year.

Botany at Trinity

Trinity's botany course is unique in content in Ireland and uncommon in a European context. We integrate small-group teaching, field-based activities and the laboratory. Field-based teaching in ecology, physiology and plant evolution is at its heart: We consider both the whole plant and how it works in a natural context. All staff are research active with high profile, strong research interests in Ireland and the tropics. Consistently, our graduates have rated our course very highly indeed: we believe that our course offers you the best possible training in Ireland for your future career.

Graduate skills and career opportunities

After graduation you can move directly to a career related to botany, such as nature conservation, environmental consultancy, agricultural research as well as teaching at second level. Our recent graduates are employed in many organisations, including Teagasc, the OPW, Botanic Gardens at Glasnevin, Kew, Edinburgh, Oman and Missouri and the UK Carbon Capture and Storage Research Centre. Alternatively, you might decide to go on to take a higher degree. The skills you acquire in the third and fourth years are also widely applicable in business and industry.

DO YOU ENJOY...

- Exploring and understanding your environment?
- Doing laboratory work?
- Exploring new places?

Your degree and what you'll study

Trinity specialises in the study of the evolution and conservation of all forms of plant life, and their response to global climate change. Courses include: Plant Biodiversity and Conservation, Ecology, Plant Physiology and Global Climate Change, Mycology, Long-Term Environmental Change, Plant Molecular Biology, Pollination Biology and Soil Science. The laboratories and greenhouses on Trinity campus, the Trinity Botanic Garden and the internationally recognised Herbarium support teaching. All students are given the opportunity to participate in field courses which take place in Ireland, the Canary Islands (Gran Canaria), and Kenya.

Study abroad and internship opportunities

Some of our students undertake research internships in Trinity or other universities during the summer vacation, in particular international research programs such as Operation Wallacea. There is also the possibility for students to participate in international study exchange programs during their third year, such as Erasmus. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

WHAT OUR GRADUATES SAY

Kerry Ryan

This is a course for aspiring natural scientists and environmentalists, and you will graduate as a fully-fledged plant biologist, not a horticulturalist. This course has given me so many skills from a proficiency in fieldwork at home and abroad, to lab techniques in biotechnology and microscopy, to a good foundation in statistical analysis. The opportunities that lie before me with this degree behind me are endless.

GET IN TOUCH!

www.tcd.ie/botany

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WHAT OUR GRADUATES SAY

Anne Doyle

The course is one of very few science courses where students have the opportunity to embark on inspiring field trips to Gran Canaria and Kenya. It is so varied that it covers many areas in biology including biochemistry, genetics, ecology, conservation and physiology. I accumulated a tremendous range of skills ranging from laboratory techniques, field research, reporting to knowledge of national and European Law. The important thing to remember when considering Botany is that you will graduate as a scientist and not as a gardener.



Environmental Sciences



Students who wish to study Environmental sciences apply to the biological and biomedical sciences stream (TR060) and may select environmental sciences as their specialist subject for the third and fourth years at the end of the second year.

Environmental Science at Trinity

Environmental Sciences at Trinity is a multidisciplinary programme with contributions from the Trinity Centre for the Environment and the disciplines of Botany, Engineering, Geography, Geology and Zoology. The course is delivered through small-group teaching, lectures, tutorials, laboratory classes and fieldwork to provide our graduates with the training required to become highly successful practitioners in this field. Fieldwork is a core component of the course structure, and students have the opportunity to attend a range of residential fieldtrips around Ireland as well as in the Canary Islands and Kenya.

Graduate skills and career opportunities

As a graduate in this area you will be able to take advantage of the worldwide demand generated by increasing environmental awareness. Our graduates pursue careers in conservation, resource management, waste management, environmental research, environmental protection, policy development and environmental education. It is also common for a number of our graduates to choose to further their education by pursuing postgraduate degrees in Environmental Science and related fields.

DO YOU ENJOY...

- Learning about the natural world?
- Working outdoors in the field?
- Having the flexibility to follow your own interests?

Your degree and what you'll study

Third year

You will study key ecosystems within the Irish environment (peatlands, native woodlands and plantation forests, grasslands and coastal systems) and develop skills in ecology, aquatic biology, global environmental change and environmental governance. You will undertake group work to explore how plants, animals and soils function within wider ecological systems, develop key field, laboratory and presentation skills and also the ability to explore the academic and grey literature, and design robust experiments.

Fourth year

In the final year you will study advanced modules that address key challenges in environmental science and build on research undertaken within the Schools of Natural Science and Engineering and international collaborators. Optional modules allow students to follow their interests in the area and include conservation and biodiversity, tropical ecology, vegetation description, plant-animal interactions and spatial analysis using GIS. Students also undertake an individual Capstone research project, where you will work alongside a Trinity professor in his/her research group.

Study abroad and internship opportunities

Many of our students undertake research internships in Trinity, other universities or external research institutes during the summer vacation. Our students also have the opportunity to apply for internships at the Trinity College Botanic Gardens and students have also worked with companies such as Intel on sustainability issues. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

GET IN TOUCH!

www.naturalscience.tcd.ie/undergraduate/environsci

zoboes@tcd.ie

WHAT OUR CURRENT STUDENTS SAY

Julia Carroll

I loved that we had a good balance of continuous assessment and exams. They promote a very good work/life balance in this course and listen to the students' needs. The lecturers are very approachable and are flexible with work deadlines. I was able to explore many aspects of environmental science, through field trips, lectures, discussions and practical work which gives you a good idea of what you do and do not like. The plants and the Irish environment in week 1 of third year is an excellent way to get to know your new course.



Genetics

Students who wish to study genetics apply to the biological and biomedical sciences stream (TR060) and may select genetics as their specialist area for the third and fourth years at the end of the second year.



Genetics at Trinity

Genetics is run by the Department of Genetics at the Smurfit Institute of Genetics with state-of-the-art research facilities. There are 14 members of faculty working in a wide range of areas of genetics, areas covering everything from medical genetics, pharmacogenomics, neurogenetics and stem cells to evolutionary genetics and plant genetics, amongst other areas. The Department of Genetics has an international reputation for high-quality research and more than 50 years of experience in teaching genetics to undergraduate students. Our teaching is research-driven; undergraduates are taught by research-active scientists with excellent track records in their chosen fields.

Graduate skills and career opportunities

Many Genetics graduates go on to higher degrees (M.Sc. and/or Ph.D.) and take up careers in research in either academia or industry. Even if you choose a career not directly related to the scientific subject, the skills of critical thinking and problem solving provided by the genetics degree will put you in high demand. Opportunities exist in biotechnology and pharmaceutical companies, agricultural organisations, medical or clinical diagnostic laboratories, forensics, public health and epidemiology programmes, and in teaching.

DO YOU ENJOY...

Exploring the way living things work?

Understanding the power behind all biological systems?

Gathering evidence to support new theories and ideas?

Other graduates have gone into careers such as medicine, patent law or science journalism.

Your degree and what you'll study

During third year, students will learn about the fundamentals of genetics through a combination of lecture courses and practical classes. In fourth year, students can choose, largely depending on their interests, from a number of lecture courses on different areas of genetics. They also spend 10 to 12 weeks in a laboratory of the institute and participate in ongoing research projects. They further write an in-depth literature review on a current topic of genetics.

Study abroad and internship opportunities

The Department helps students to secure internships in research laboratories (both in Ireland and internationally) over the summer period between the third and fourth years, so that they can gain valuable research experience. Some students spend all or part of the summer period in US laboratories, between third and fourth year. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

WHAT OUR GRADUATES SAY

Matthew Carrigan

The quality of teaching and research in Genetics at Trinity is world-class. I was given the opportunity to work at a lab in a top US university in the summer after my third year, and I was amazed to find how familiar researchers there were with the work being done in their field at Trinity. The whole department is deeply interconnected with leading worldwide researchers and institutions, and a number of graduates I know went on to further research both here at Trinity and at leading institutions abroad.

GET IN TOUCH!

www.tcd.ie/Genetics/undergraduate

genetics@tcd.ie



Human Genetics

Students who wish to study human genetics apply to the biological and biomedical sciences stream (TR060) and may select human genetics as their specialist area for the third and fourth years at the end of the second year.



Human Genetics at Trinity

Human Genetics is run by the Department of Genetics as part of the School of Genetics and Microbiology and is located in the Smurfit Institute of Genetics with state-of-the-art research facilities. The members of faculty and academic associates work in a wide range of areas of Human Genetics covering everything from medical genetics, gene-based medicines, pharmacogenomics, stem cells to ancient and modern human population genetics, among others. The Department has an international reputation for high-quality research and more than 50 years of experience. The teaching is research driven; undergraduates are taught by research-active scientists with excellent track records in their chosen fields.

Graduate skills and career opportunities

Graduates go on to higher degrees (M.Sc./Ph.D.) and research careers in academia or industry. Opportunities exist in biotechnology and pharmaceutical companies, clinical diagnostic laboratories, forensics, genetic counselling, public health, epidemiology and teaching. Graduates also go into medicine, patent law or science journalism. Even in a career not directly related to the scientific subject, the skills of critical thinking and problem solving provided by the Human Genetics degree will place you in high demand.

DO YOU ENJOY...

Exploring human biology and behaviour?

Understanding the power behind genomics and its impact on human health and society?

Finding out how our species got here and how humans became like we are today?

Your degree and what you'll study

During the third year you will gain foundation information about the field of Human Genetics and will also learn about the rapidly developing technologies that are driving developments in human genetics. Subject areas will include: Medical Genetics, Pharmacogenomics, Genomics and Systems Biology, Neurogenetics Evolutionary Genetics, Human Genomics Data Handling, Human Genetics tutorials, Human Genetics Review.

During the fourth year you will undertake a literature review on a topic in Human Genetics and will also undertake a Capstone research project, where you work closely for 10-12 weeks in globally leading research programmes on-going in the Department. Lecture topics covered will include Principles of Human Genetics, Transgenic Animals and Gene Therapy, Genetics and Epigenetics of Cancer, Stem Cell Biology, Molecular Evolution; Genetics and Immunology of Neural Diseases, Human Evolutionary Genetics, Genetics of Neural Development, Behavioural Genetics.

Study abroad and internship opportunities

The department helps students to secure internships in research laboratories (in Ireland and internationally) over the summer period between the third and fourth years. Some students spend all or part of the summer period in US laboratories, again between third and fourth year. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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www.tcd.ie/genetics

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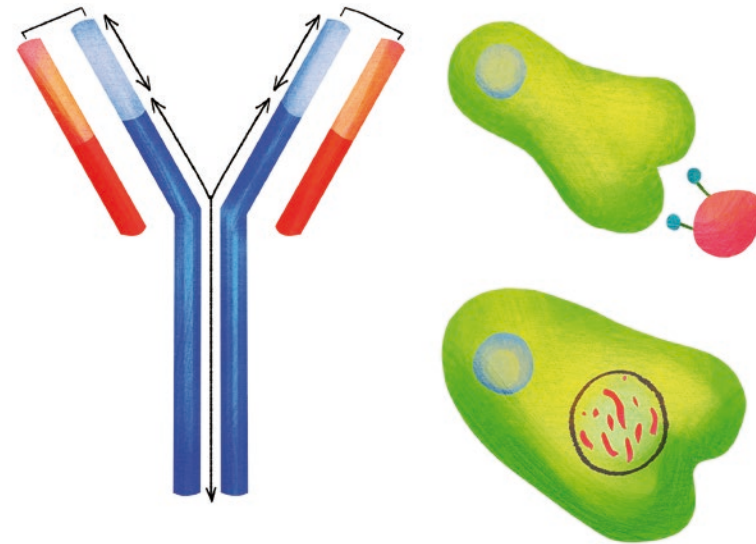
WHAT OUR GRADUATES SAY

Ciara McDermott

Studying Human Genetics at Trinity has been very exciting. The course content is based on cutting-edge science, delivered through lectures, tutorials and practical laboratory work, and covers a wide range of subjects from evolutionary genetics to cancer biology, all of which are sure to be useful in the future as genetics remains at the forefront of scientific progress. The professors are very helpful and make the student experience studying human genetics at Trinity incredibly enjoyable.



Immunology



Students who wish to study immunology apply to the biological and biomedical sciences (TR060) and may select immunology as their specialist area for the third and fourth years at the end of the second year.

Immunology at Trinity

Trinity is currently the only university that offers an undergraduate degree in Immunology in Ireland. Third and fourth year students will be based in the state of the art Trinity Biomedical Sciences Institute (TBSI) on Pearse Street. Our students have the opportunity to study abroad for third year and there are also some internship opportunities, in Ireland and abroad.

Graduate skills and career opportunities

Graduates follow a range of different career pathways. Many of our students are recruited into Ph.D. positions either here or abroad to pursue a research based career in the university, medical (hospital-based research), or industrial sectors. Some of these are specifically within the area of immunology. Some graduates go straight into lab based positions as immunologists and these can be in academic, hospital or industrial laboratories, such as Pfizer. Other students decide to use their scientific background for non-lab based careers, such as science communication and journalism, or science outreach. Others have gone on to get a business qualification or law qualification to enable them to be competitive in a business/commercial setting.

DO YOU ENJOY...

Figuring out how your body works?

Understanding how your body can fight against infections and cancer?

Designing and performing experimental research?

Your degree and what you'll study

Students will learn about all aspects of immunology: from the cells and molecules of the immune system and how they carry out their jobs in particular diseases, through to what happens when the immune system goes wrong and actually starts to attack our own bodies, as seen in autoimmune diseases. In order to fully understand the immune system, students will also cover important aspects of biochemistry, genetics and microbiology. One exciting aspect of this degree is that undergraduates experience real research as they undertake a final year Capstone project in a research laboratory in the School of Biochemistry and Immunology.

Study abroad

Students can undertake to spend third year abroad. We have links with universities in Glasgow and Marseille. Some students have also studied in the US for their third year and returned here for their final year. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

GET IN TOUCH!

www.tcd.ie/biochemistry

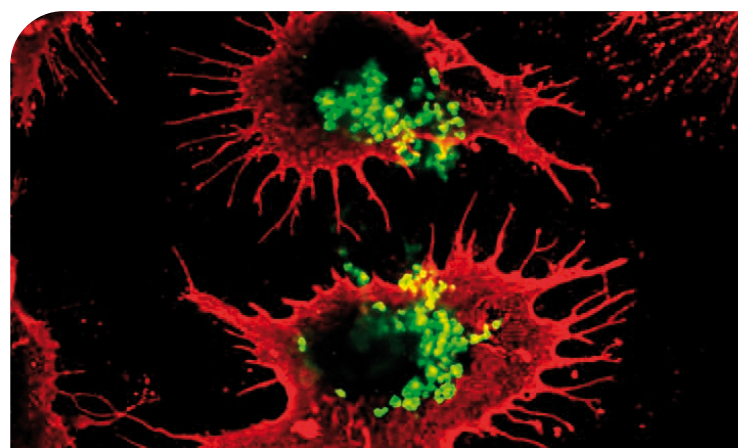
science@tcd.ie



WHAT OUR GRADUATES SAY

Darren Ruane

My time at the Trinity Biomedical Sciences Institute fostered my love for Immunology and as a result I chose to complete a Ph.D. My research focused on the capacity of dendritic cells, a type of white blood cell, to mediate communication between distinct mucosal compartments. While pursuing my Ph.D. I had the opportunity to conduct my research projects at the Rockefeller University in New York within the lab of 2011 Nobel prize winning scientist Ralph Steinman. After completing my Ph.D., I conducted postdoctoral research at the Icahn School of Medicine at Mt. Sinai in New York



Microbiology



Students who wish to study microbiology should apply to the biological and biomedical sciences (TR060) and may select microbiology as their specialist area for the third and fourth years at the end of the second year.

Microbiology at Trinity

If you study Microbiology at Trinity you will be based in the historic Moyné Institute. The Microbiology Department offers an intimate atmosphere where frequent interaction between staff and students fosters an intellectually stimulating and friendly environment for teaching and learning. To provide the extensive laboratory experience on offer, the Moyné Institute houses state of the art research and teaching laboratories containing all the equipment and expertise required for modern molecular and cellular microbiology.

Graduate skills and career opportunities

Graduates in microbiology have a wide range of expertise and are considered versatile scientists for industry or pure research. This makes them sought after by pharmaceutical and medical research laboratories as research and quality assurance staff in drug and medical device manufacture, as analytical or R&D staff by the food and beverage industries, by public utilities, the health service, by teaching and training establishments and publishing houses, in life science sales and product development, medical relief organisations and many other areas. Many graduates go on to do a higher degree in Ireland or abroad and enter a rewarding career in many of the areas mentioned or continue a research career in a university.

DO YOU ENJOY...

Conducting research?

Doing laboratory work?

Analysing problems and formulating solutions?

WHAT OUR GRADUATES SAY

Michael Church

Specialising in Microbiology during my degree was an interesting and rewarding experience. The atmosphere is friendly, and the lecturers were knowledgeable and approachable. Employers appreciate the varied and challenging nature of the course, as it gives students a good grounding in many aspects of the industrially relevant subject of Microbiology. I subsequently undertook a Ph.D. in the Yeast Chromatin Research Group in the School of Microbiology and Genetics and worked as a Technical Support Scientist at Abbott Diagnostics Division in Longford, Ireland. I am currently working as a research scientist at the Stowers Research Institute in Kansas, USA.



Your degree and what you'll study

Core modules cover all aspects of modern microbiology and include; microbial Physiology and Biochemistry, Pathogenicity and Immunology, Bacterial Molecular Biology and Genetics, Eukaryotic Molecular Biology and Genetics and Applied Microbiology. Each module comprises lecture and laboratory components.

In the final year, you will also undertake a nine-week, full-time Capstone project under supervision in a research laboratory. You will work at the cutting-edge of research on topics like bacterial and fungal synthetic biology, design of new anti-microbial drugs, viral pathogenicity, immunology, and novel methods for disinfection in hospitals.

Study abroad and internship opportunities

For students wishing to study abroad, Microbiology staff can offer advice on how to seek funding for summer vacation placements from external sources such as the Wellcome Trust and the Microbiology Society. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

GET IN TOUCH!

www.tcd.ie/microbiology

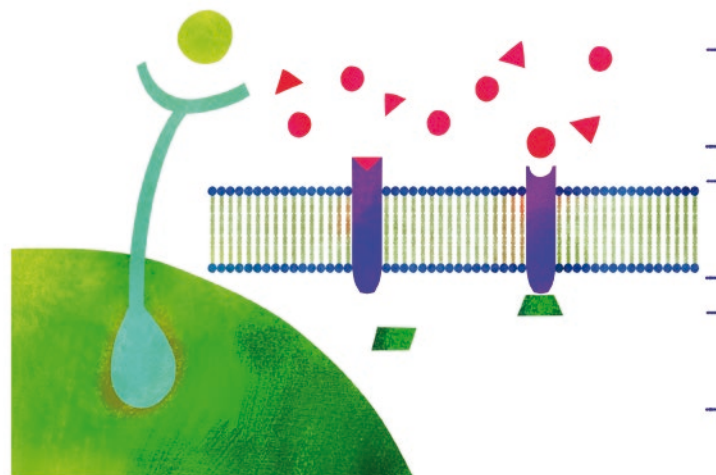
microbiology@tcd.ie

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Molecular Medicine

Students who wish to study molecular medicine apply to the biological and biomedical sciences (TR060) and may select molecular medicine as their specialist area for the third and fourth years at the end of the second year. Our students can also avail of internships in various laboratories in the US.



Molecular Medicine at Trinity

TBSI is equipped with state-of-the-art technologies and provides a rich research environment for interdisciplinary collaboration with colleagues in medicine, pharmacy, chemistry and neuroscience while the Trinity Translational Medicine Institute operates from St James's Hospital and is affiliated with the teaching hospitals of Naas General Hospital and Our Lady's Hospice. The School of Biochemistry and Immunology at Trinity provides an excellent environment for young investigators to participate in innovative and high impact research. The schools research success is evident in their strong publication record which includes output in high quality journals, including Nature.

In addition to highly engaging course material, students will gain experimental skills in a range of cutting edge techniques and technologies through practicals, internships in companies such as Ely Lilly and 12 week laboratory research placements in the final year of the degree. The courses are designed to equip graduates to work in all major aspects of basic and translational research and focuses on development skills relevant to careers in molecular diagnostics and novel therapeutics, including immunotherapies and next generation biologics. The course content has relevance to both academia and the healthcare/pharmaceutical sector therefore former graduates have gone on to study

medicine, engage in postgraduate research (Ph.D.; M.Sc.), and pursue careers in industrial and government organisations. Opportunities also exist in hospital and commercial labs as well as in clinical biochemistry, biotechnology, food science, teaching, information systems, communications and management.

Graduate skills and career opportunities

Many of our graduates take up a career in industrial, medical or academic research. Some work in hospitals and commercial laboratories dealing with biotechnology, food science, pharmaceuticals or diagnostics. In addition, because they benefit from their training in terms of critical thinking, analytical reasoning and presentation and communication skills, our graduates are in high demand in careers not directly related to biochemistry such as communications, information systems, teaching and management, accountancy.

Study abroad and internship opportunities

The School of Biochemistry and Immunology awards up to two internships at the end of third year. The awards will take the form of salaries for six weeks to work in one of the research laboratories in the School of Biochemistry and Immunology. Our students can also avail of internships in various laboratories in the US (e.g. University of Massachusetts, Boston) and Europe. Pharmaceutical companies have also sponsored a number of summer internships for our third year students. Further information on the year abroad programme, and a list of partner universities, can be found at: www.tcd.ie/biochemistry/undergraduate/exchange-programme

GET IN TOUCH!

www.tcd.ie/biochemistry/undergraduate/molecular-medicine

 science@tcd.ie

WHAT OUR GRADUATES SAY

Roisin Loftus

My love for Biology in school spurred me to pursue a science-based degree. I entered the Natural Sciences programme in Trinity unsure of where my real passion lay. After two years of general science, covering basic biology, chemistry and math, I decided molecular medicine was the course for me. Molecular medicine is a relatively new degree in Trinity, which covers many aspects of immunology, biochemistry, genetics, neuroscience, microbiology and human health and disease, with a strong clinical focus. A significant portion of our lectures were held in St. James's hospital, delivered by medical doctors, which I found honed in on the clinical relevance of what we were learning.



DO YOU ENJOY...

Learning how biological systems work?

Understanding the molecular basis of disease?

Carrying out laboratory work?

Neuroscience

Students who wish to study neuroscience apply to the biological and biomedical sciences (TR060) and may select neuroscience as their specialist area for the third and fourth years at the end of the second year.



Neuroscience at Trinity

Trinity has a strong research focus in Neuroscience centred around the Institute of Neuroscience (TCIN) with 45 research groups and 250 researchers within the Lloyd Building and in labs in the many affiliated academic schools and departments that drive Neuroscience activity in Trinity. These research groups investigate a wide variety of topics in Neuroscience and Trinity neuroscientists are well respected by the neuroscience community worldwide, regularly contributing at international meetings and in high impact publications. This breadth of research expertise is the driver for excellence in teaching across a range of disciplines within this degree. There is a lively research community within TCIN, including undergraduate and graduate students, postdoctoral fellows and principal investigators and it's interdisciplinary ethos allows for fruitful interactions between scientists of various backgrounds.

Graduate skills and career opportunities

Graduates in Neuroscience can expect to find employment in a wide range of areas, utilising their general scientific training as well as their specialist skills. In the past Neuroscience graduates have pursued careers in academic, government, pharmaceutical, biotechnology

or medical research organisations. Some graduates study for higher degrees in neuroscience, biology or psychology or, medicine or allied health-related disciplines. For those not seeking a research or medical career, the course provides transferable skills and experience that are suitable for a wide variety of careers, such as in education, business, management and industry.

Your degree and what you'll study

Neuroscience links neurobiology with cognitive science and, as a result, modules in multiple disciplines (Anatomy, Biochemistry and Immunology, Genetics, Pharmacology, Physiology and Psychology) are provided. The course involves in-depth instruction in the fundamentals of modern molecular and cellular biology, as well as in the structure and operation of the nervous system. Other modules focus on the development of the nervous system, its response to injury and disease, the relationship of the brain to behaviour, imaging the brain, and the drug treatment of brain disorders. You will also be trained in scientific methodology and experimental design, data handling and research skills.

In the final year there will be a greater focus on research with modules involving scientific literature skills (literature review and journal clubs) and all students will carry out a major

Capstone research project in one of the many research groups in the schools that contribute to the Neuroscience degree.

Philosophy is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96.

Study abroad and internship opportunities

Students may arrange to study abroad during their third year following discussion with staff. Students are also facilitated in seeking internships, in Ireland or abroad, during the summer and some opportunities exist for research laboratory placements within the university. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

GET IN TOUCH!

www.tcd.ie/biochemistry/undergraduate/neuroscience

 neuroscience.degree@tcd.ie

DO YOU ENJOY...

Finding out how the brain achieves simple and complex actions?

Analysing evidence and developing your own hypotheses?

Performing experiments in the laboratory?

WHAT OUR GRADUATES SAY

Martina Hughes

I specialised in Neuroscience as I wished to gain an in-depth knowledge of the workings of the brain in both health and disease. A wide variety of topics were covered and I particularly enjoyed the neuroanatomy practicals and the lectures focusing on neuropharmacology, neuroimmunology, neuroinflammation and neurogenetics. On completion of my degree, I undertook a Ph.D. in the Neuroimmunology research group in Trinity College Institute of Neuroscience before going on to work as a post-doctoral researcher in King's College London, investigating the role of inflammation in Alzheimer's disease.



Physiology



Students who wish to study physiology apply to the biological and biomedical sciences stream (TR060) and may select physiology as their specialist area for the third and fourth years at the end of the second year.

Physiology at Trinity

The Physiology Department is part of the School of Medicine and has strong teaching and research links with other departments in Trinity and beyond. All of our lecturers run research laboratories and the major strengths of the department are in neuroscience, cell biology, drug development and exercise physiology. We encourage every student to consider themselves as a research scientist from day one. This research training culminates in the individual Capstone research project each student carries out in the final year. Because of this practical, hands-on approach, our students gain a very deep knowledge of the subject of physiology.

Graduate skills and career opportunities

You can use your general scientific training and specialised knowledge of physiology to find employment in a wide variety of jobs. You may pursue further training in physiology and become a research scientist in a hospital, the pharmaceutical industry, a government agency or a university. Some graduates undertake further study in health-related fields such as medicine or physiotherapy.

DO YOU ENJOY...

Studying how the body works?

Investigating the functional changes that underlie illness and disease?

Carrying out research and laboratory work?

Your degree and what you'll study

You will study the Physiology of all of the body systems (cardiovascular, respiratory, nervous, reproductive, digestive and more) from the cellular and tissue level to how each system integrates with other systems. You also have an opportunity to study complementary modules in other areas of Biology and you can take Trinity Elective modules in non-science subjects.

In fourth year you study advanced modules in Physiology that draw directly from the research ongoing in the department. You will also undertake an individual Capstone research project, where you work alongside a Trinity professor in his/her research laboratory. Your project will be based in Trinity or in one of its associated hospital departments. Some typical recent research projects have looked at reprogramming stem cells to cure Parkinson's disease, assessing the influence of premature birth on hypertension later in life, using exercise training to improve blood vessel health in diabetes and assessing biomarkers of brain health in athletes playing contact sport.

Study abroad and internship opportunities

Many of our students undertake research internships in Trinity or other universities during the summer vacation. Our students have won scholarships from the Wellcome Trust, Physiological Society or Health Research Board to work in research laboratories between third and fourth year. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

GET IN TOUCH!

www.tcd.ie/medicine/physiology

[E physiology@tcd.ie](mailto:physiology@tcd.ie)

[@TCDPHysiology](https://twitter.com/TCDPHysiology)

WHAT OUR GRADUATES SAY

Sinead Smith

Choosing Physiology as my speciality through Science was the best decision I made. The course is very well organised and the small class size gives students the opportunity to work together. I felt so much support during my two years in Physiology; the department staff are very friendly and the lecturers are very approachable. The course structure and content give students an excellent range of both theory-led and practical-based learning opportunities. It helped me to develop a standard of learning to perform at Masters level. I am now in the final year of my M.Sc. in Physiotherapy.



Zoology



Students who wish to study zoology apply to the biological and biomedical sciences stream (TR060) and may select zoology as their specialist area for the third and fourth years at the end of the second year.

Zoology at Trinity

Zoology is the study of the form and function of animals in the broadest senses of those words. It considers the many roles of animals within the natural world. The department believes in the principle of 'research-led teaching' and has a diverse array of active researchers addressing a wide range of Zoological questions, broadly separated into organismal biology and molecular/cellular biology. Our investigation and teaching of these subjects uses innovative techniques and methodologies such as immunology, stable isotopes, genetics, analytical chemistry, proteomics and numerical computation. In particular, our strengths lie in ecosystem ecology and biodiversity, global change biology, and evolution of infectious diseases, evolution of behaviour, comparative anatomy and physiology and developmental biology.

Graduate skills and career opportunities

Many graduates of Zoology are currently pursuing academic and research careers in Ireland and overseas – our network of research alumni can be found on every continent. Professor William Campbell graduated from Zoology with a particular interest in parasite biology and went on to win the Nobel Prize in Physiology or Medicine in 2015 for his transformative work on

DO YOU ENJOY...

Exploring the living world, from cells to ecosystems?

Making new discoveries about the world around us?

Seeking solutions to global challenges to the environment and human well-being?

discovering a class of drugs effective against the disease River Blindness caused by a parasite. Several of our graduates have gone onto postgraduate Veterinary and Medicine courses. Graduates have been employed within the agriculture and fisheries sector (Teagasc, BIM and Inland Fisheries Ireland), the environment and wildlife services (EPA, National Parks and Wildlife Service, National Biodiversity Data Centre and various Local Authorities), biomedical industry and agencies (HSE) and with international environment and development agencies (FAO, IUCN, WBCSD, etc.). Trinity Zoology graduates have taken up wildlife and environmental publishing, filmmaking and other careers in the media, software development, data science, second and third-level teaching, medicine, veterinary, museum and tourism work, environmental lobbying with national and international NGOs, environmental and wildlife consultancy, fish farming and we even have graduates who work in zoos.

Your degree and what you'll study

In third and fourth year, the course highlights the major concerns of modern zoology in relation to environmental and medical biology, and introduces you to cell biological and other analytical techniques, fieldwork and computer-aided data handling and processing. In addition, there are a range of more specialised optional modules which may be selected in the areas of environmental or medical zoology such as genetics, behaviour, developmental biology, and entomology. A major component of the fourth year is an individual Capstone research project. In previous years such projects have looked at parasites in humans and animals, behaviour of badgers, deep sea fisheries and the impacts of climate change on biodiversity and the environment, to name but a few.

GET IN TOUCH!

www.tcd.ie/zoology

[E zoboes@tcd.ie](mailto:zoboes@tcd.ie)

WHAT OUR GRADUATES SAY

Lauren Redmond

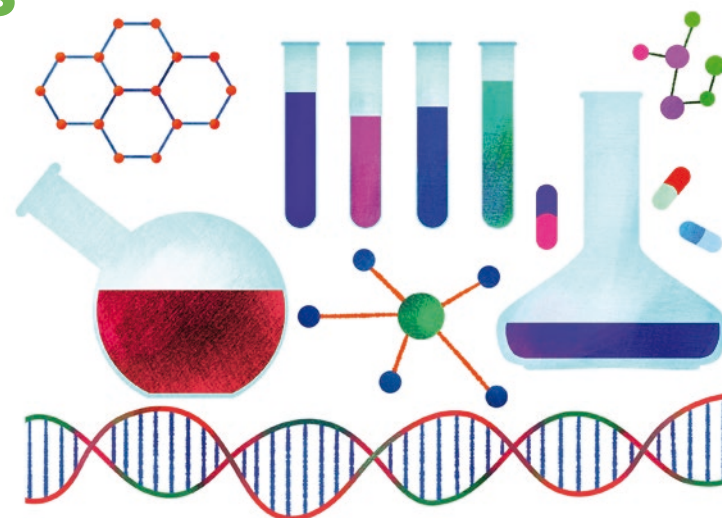
A keen interest in the natural world, conservation and evolution led me to pursue a degree in Zoology. The course has not disappointed. Field trips to Northern Ireland, Glendalough and Kenya have been the highlight of this degree for me. Not only do they provide a stimulating and exciting way in which to learn, you get to know your classmates and lecturers on a personal level and feel welcomed into the department. Combined with lectures from committed staff, who are leading experts in their fields worldwide, I have gained a thorough knowledge which I can take with me into future careers.



Chemical Sciences

B.A. (Moderatorship) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR061	543	90	4 years



Students who wish to specialise in one of the following subjects in third and fourth years (Chemistry, Chemistry with Biosciences, Chemistry with Molecular Modelling, Medicinal Chemistry or Nanoscience) should choose the Chemical Sciences stream (TR061). Students who wish to specialise in Nanoscience can also enter the Physical Sciences stream (TR063).

Chemistry is a creative and central science, dealing with challenges that span the physical and life sciences. It is found and used everywhere from the creation of new materials and processes through to advancements in medical health and diagnosis of disease.

A chemistry-based qualification provides students with the relevant skills and knowledge to open doors in research, medicine, education, industry, finance, consultancy and more.

As well as practical knowledge of the subject, chemistry students develop many other transferable skills that are valued by both employers and the wider community. These range from critical thinking and problem-solving to communication and creativity. Nobody knows what the jobs of the future will look like, but chemists will be needed to tackle problems in human health, sustainable energy, technology, food management and the environment. Academics at the School of Chemistry are at the forefront of cutting-edge research and are contributing to ground-breaking advances that benefit society. These include nanotechnology, drug-delivery, energy storage and computational modelling.

Structure of the Chemical Sciences (TR061) programme

In the Chemical Sciences Stream students will study the core concepts that are fundamental to all of chemistry including topics in physical, organic and inorganic chemistry. Students will receive a strong grounding in mathematics and will be

able to expand their scientific knowledge and to pursue their individual interests by choosing from a cohort of approved and elective modules on topics such as physics, biology, and the history and philosophy of science. In the third year, students specialise in one of the five moderatorships offered in this stream: Chemistry, Chemistry with Biosciences, Chemistry with Molecular Modelling, Medicinal Chemistry, and Nanoscience (the physics and chemistry of advanced materials). A combination of student choice and class ranking are used to allocate places on each moderatorship. Small group teaching from academic experts who are actively researching in these subjects creates an exciting teaching and research-led environment where current state-of-the-art research is discussed together with fundamental concepts.

In their third year, students have the opportunity to take one or two modules in an area unrelated to their main course

(Trinity Electives) to get a flavour of other disciplines. In the fourth year students choose from a selection of modules on advanced topics within their discipline. Final-year students on all courses will also undertake a Capstone research project over the course of a semester in Trinity or in a research laboratory in another university, research institute or with an industry partner, either in Ireland or abroad.

WHAT OUR CURRENT STUDENTS SAY Thomas O'Neill

TR061 allows us to expand our knowledge beyond chemistry into other fields of STEM whilst keeping the balance of chemistry as well and putting more emphasis on chemistry rather than a general Science degree.

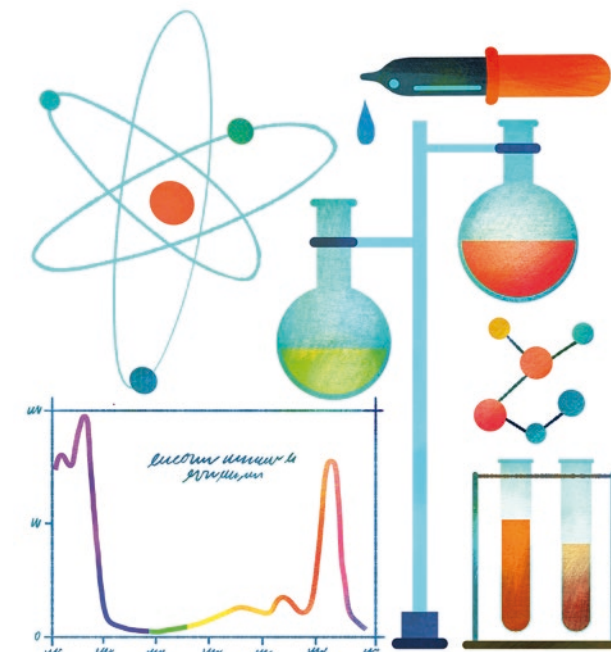
Special Entry Requirements

Leaving Certificate	H6 or O4	Mathematics
	H4	In two* of physics, chemistry, biology, physics/chemistry, geology, geography, mathematics, applied mathematics, agricultural science, computer science.
GCSE	Grade B/6	Mathematics
Advanced GCE (A Level)	Grade C	In two of physics, chemistry, biology, physics/chemistry, geology, geography, mathematics, applied mathematics, agricultural science, computer science.
International Baccalaureate	SL Grade 5	Mathematics
	HL Grade 5	In two of physics, chemistry, biology, physics/chemistry, geology, geography, mathematics, applied mathematics, agricultural science, computer science.

* Combinations of subjects not permitted:
Physics/chemistry with physics or chemistry. Agricultural science with biology.

Chemistry

Students who wish to study chemistry apply to the chemical sciences stream (TR061) and at the end of the second year may select chemistry as their specialist area for the third and fourth years.



What is Chemistry?

Chemistry is a creative science that is used to develop everything from new materials for superconductors and new batteries, to new drug molecules for the pharmaceutical industry. Without it, many modern science disciplines, such as materials science, molecular biology and environmental science, would not be possible.

Chemistry: The course for you?

If you are strong in science, if you enjoy laboratory experiments and want to work in industry or research after university, and if you are innovative, creative and logical then you will be well suited to this course.

Chemistry at Trinity

The School of Chemistry at Trinity is ranked 1st in Ireland and in the top 100 worldwide (QS World University Rankings by Subject 2023). Our chemistry degree is designed to provide you with the practical and analytical skills needed for a career in research and industry. Many of the school's academic staff carry out research at the cutting edge of their fields in areas as diverse as nanoscience, energy and drug design. In fourth year, you will have the opportunity to undertake a significant Capstone research project either in the school or abroad at one of the many third level/research institutes with which the school has agreements.

Graduate skills and career opportunities

A chemistry degree combines specialist practical training with analytical, problem solving and presentation skills and is excellent preparation for graduates considering a diverse range of career paths. Trinity's chemistry graduates are highly sought after by the chemical and pharmaceutical industries and graduates have worked in companies such as Henkel, Pfizer, GlaxoSmithKline, Johnson & Johnson, and Bristol-Myers Squibb. Patent offices, government advisory and information services, food science, public

analytical laboratories, schools and third-level institutes also employ our chemists. Our graduates can also pursue postgraduate degrees either in the School of Chemistry or in other world-class research institutes. Historically, chemistry graduates have been in demand in a wide range of non-scientific fields including the financial sector.

Your degree and what you'll study

Following foundation- and core-level modules in first and second year chosen from a number of science subjects (such as physics or biology) along with chemistry and mathematics, you will expand your knowledge of chemistry in third and fourth year, taking more advanced modules in organic, inorganic and physical chemistry. In fourth year, you will carry out a Capstone research project, either in one of the research labs in Trinity or abroad. Graduates often cite this as the most memorable and rewarding part of their undergraduate degree. You will have the opportunity to study the fundamentals of modern chemistry, whilst developing your interests in specific topics such as bio-inorganic/organic chemistry, solid-state materials, interfacial and environmental chemistry.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.



Study abroad and internship opportunities

The School of Chemistry has exchange agreements with a large number of universities and research institutes where students may carry out their final year Capstone research projects, in places such as Vienna, Berlin, Bologna, Toulouse, and Utrecht, North America and Australia. A limited number of places are also available in China. The areas of research are wide-ranging, including cancer chemotherapy and DNA chemistry, device fabrication and materials processing, homogeneous catalysis, supramolecular chemistry and computational chemistry. Between third and fourth year,

some students also take a year-long internship in a pharmaceutical company to enhance their knowledge of chemistry and their practical skills. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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WHAT OUR GRADUATES SAY

Eva-Maria Dürr

In school, I always enjoyed chemistry and wanted to study it at university. But I felt like I didn't know enough about other sciences to commit to chemistry yet, so the general science course in Trinity was perfect for me. Studying in a world-class university and being taught by brilliant researchers has been a fantastic experience and after two years of general science, I knew for certain that I wanted to do chemistry. Chemistry to me means trying to understand the world at a very detailed level and apply that knowledge, for example in drugs or new materials. I love how complex phenomena can be understood at a molecular level and being a chemist has definitely changed my outlook on the world.

Chemistry with Biosciences



Students who wish to study chemistry with biosciences apply to the chemical sciences stream (TR061) and at the end of second year may select chemistry with biosciences as their specialist area for their third and fourth year.

What is Chemistry with Biosciences?

Chemistry with Biosciences is designed to produce graduates who are prepared to work at the interface of chemistry and biology, addressing global issues in chemical and life science such as drug development and safety, biomedicine, biotechnology and clinical operations.

Graduate skills and career opportunities

As with graduates in other branches of chemistry, the skills acquired during this course will make you highly attractive to employers in a wide variety of areas. Graduates can contribute to research developments across the healthcare, pharmaceutical, biotechnology and the food processing sectors. This degree will also prepare you to work in education, science communication, business, data analysis and administration.

Our Chemistry with Biosciences degree would serve as an excellent primary degree for a graduate course in health science such as medicine or physiotherapy. Our graduates can also pursue postgraduate degrees either in the School of Chemistry or in other world-class research institutions.

DO YOU ENJOY...

Finding out how things work?

Carrying out laboratory experiments?

Analysing problems and finding solutions?



Your degree and what you'll study

You will study foundation courses in chemistry, biology, maths and foundation physics in the first two years.

Third and fourth year

In third year, the course will branch off into relevant chemistry and biology modules allowing you to develop a unique perspective on issues directly affecting chemical and bioscience research.

Your third and fourth year modules will cover core chemistry principles in organic, inorganic and physical chemistry as well as relevant modules in biology and biochemistry.

Lectures are complemented by laboratory experiments, where you will gain experience in more sophisticated preparative chemical and biological techniques.

Practical work in the final year will consist of a Capstone project. This may be carried out either in Trinity under the supervision of a member of staff, in a chemistry department at an overseas university, or in a commercial laboratory.

Study abroad and internship opportunities

The School of Chemistry has exchange agreements with a large number of universities and research institutes where Chemistry with Biosciences students carry out their final year Capstone research projects from September to December. Projects can be carried out either

within a chemistry or relevant biosciences department in European Universities and beyond. To date, arrangements have been made for students in European universities such as Regensburg, Madrid, Liverpool, Copenhagen, Montpellier and Bologna. Study further afield in Canada and the USA is also possible. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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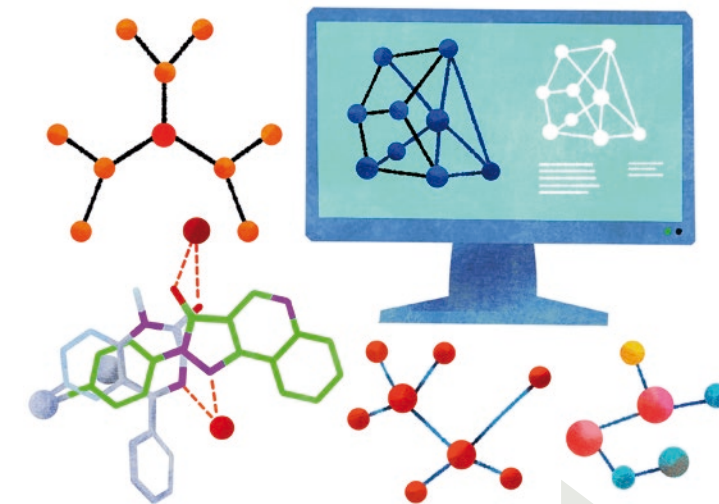
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Chemistry with Molecular Modelling



Students who wish to study chemistry with molecular modelling apply to the chemical sciences stream (TR061) and at the end of the second year may select chemistry with molecular modelling as their specialist area for the third and fourth years.

What is Chemistry with Molecular Modelling?

Chemistry with molecular modelling is a chemistry-based creative-science course that is used to develop everything from new materials such as superconductors for new batteries, to new drug molecules for the pharmaceutical industry. Without it, many modern science disciplines such as materials science, molecular biology and environmental science would not be possible. Chemistry with molecular modelling embeds computer-modelling techniques and their application to better understand and explore chemistry.

Chemistry with Molecular Modelling: The course for you?

The course will suit you well if you have an interest in science and chemistry in particular, have a logical and inquisitive mind and want to work in industry or research after university.

Chemistry with Molecular Modelling at Trinity

This degree is designed to train our students with the creative talent and skills required for research and industry. The course provides a broad base in organic, inorganic and physical chemistry so that our graduates have a wide selection of career prospects. This degree also provides students with the unique opportunity to study the fundamentals of modern chemistry, whilst developing computer/IT skills and applying computer-modelling techniques to explore chemical problems.

Graduate skills and career opportunities

Trinity's chemistry graduates are highly sought after by the chemical and pharmaceutical industries, which contribute some 20% to Ireland's exports.

Former Trinity Chemistry graduates are working in companies such as Henkel, Pfizer, Allergan, GlaxoSmithKline and Bristol-Myers

Squibb. Patent offices, government advisory and information services, food science, public analytical laboratories, schools and third level institutions also employ our chemists.

Other successful routes our graduates have taken in the past include careers in business and the financial services sectors and in management. In addition, the specially developed computational skills make graduates an attractive prospect for employers both within computing environments and in other professions. Examples of industries where people are employed directly in scientific computing/modelling include: pharmaceutical (computational drug design), chemical (developing catalysts), materials chemistry (semi-conductors/magnetic materials), financial services and meteorology.

Your degree and what you'll study

The course is based on the Chemistry degree with core components of chemistry (inorganic, organic and physical) taken alongside special molecular-modelling modules, practical work and project work. You will be assessed by a combination of continuous assessments and examinations.

You will study foundation courses in chemistry and mathematics and in either biology or physics.

Third and fourth years

In the third and fourth years you will take core modules in chemistry with additional modules in molecular modelling to include general molecular modelling, quantum mechanics, optimisation, modelling protein structure, drug design, molecular dynamics, and modelling in solid-state materials chemistry.

Lectures are complemented by laboratory classes where you will gain experience in more sophisticated preparative chemical techniques and spectroscopic analysis. About one third of your laboratory class time will be spent in computer laboratories performing computational experiments using molecular modelling.

WHAT OUR GRADUATES SAY

Andrew Bathe

Since attending the Trinity Open Day I knew their degree in Chemistry with Molecular Modelling was for me. Not only does no other university in Ireland offer a direct route to the field of computational chemistry but Trinity is unmatched in terms of reputation and the resources it has available. The degree itself, which combines general chemistry with modelling and simulation techniques, has allowed me to develop a vast array of skills in both a traditional lab environment and at the computer! So now in the final year of my degree I feel confident that the skills I have learned will have me well prepared in my future academic or professional career.

As a fourth-year student you will undertake a Capstone research project, typically from September to December. This may be done in Trinity or in an academic or research laboratory abroad.

Study abroad and internship opportunities

The School of Chemistry has exchange agreements with a large number of universities and research institutes where students may carry out their fourth-year Capstone project, in places such as Vienna, Berlin, Bologna, Toulouse, and Utrecht, North America and Australia. A limited number of places are also available in China. The areas of research are wide-ranging, including cancer chemotherapy and DNA chemistry, device fabrication and materials processing, homogeneous catalysis, supramolecular chemistry and computational chemistry. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

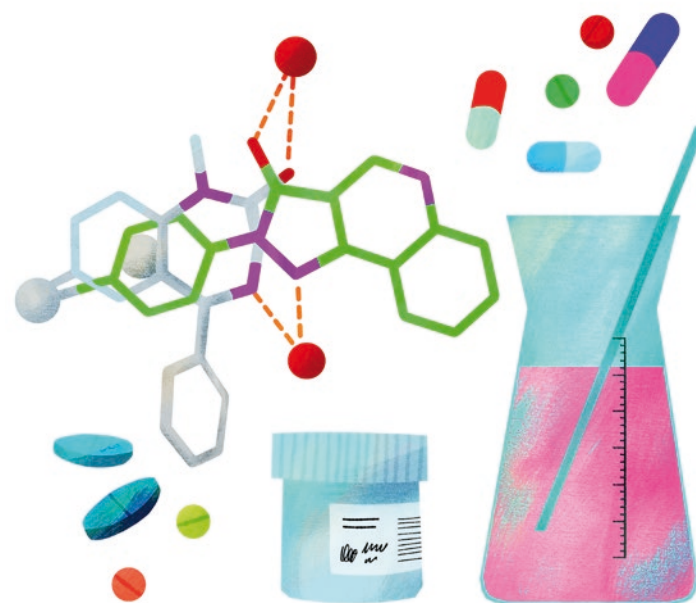
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watsonsg@tcd.ie

Medicinal Chemistry

Students who wish to study medicinal chemistry apply to the chemical sciences stream (TR061) and at the end of second year may select medicinal chemistry as their specialist area for the third and fourth years.



What is Medicinal Chemistry?

Medicinal chemists are the creative talent behind the modern pharmaceutical industry. As well as being expert chemists, they have extensive knowledge of molecular design, drug synthesis and the biological function of drugs.

Medicinal Chemistry: The course for you?

Yes, if your dream is to design and prepare new drugs, if you want to understand the biological mechanisms by which they operate, if you have a natural flair for chemistry and are interested in developing the skills and expert knowledge relevant to the pharmaceutical industry.

Medicinal Chemistry at Trinity

Medicinal Chemistry modules primarily provided by members of the Discipline of Organic, Medicinal and Biological Chemistry. Core chemistry courses are provided by all School of Chemistry academics. Research opportunities are available also in other Disciplines of the School and in affiliated research institutes such as TBSI, TTMI, TSJCI. Lecturers practice research-centred interdisciplinary teaching and have many active and externally funded projects. Hence, our students gain a broad knowledge of the field and become capable research scientists.

DO YOU ENJOY...

Finding out how things work?

Carrying out laboratory experiments?

Analysing problems and finding solutions?

Graduate skills and career opportunities

As with graduates in other branches of chemistry, the skills acquired during this degree programme will make you highly attractive to employers in a wide variety of areas. In addition to the pharmaceutical industry itself, business, finance, administration, publishing and teaching are all possibilities that are open to you as a medicinal chemistry graduate. Most students progress to postgraduate studies in the School or other top tier institutions abroad.

Your degree and what you'll study

You will study foundation courses in chemistry, biology and mathematics in the first two years.

Third year

In third year, the course will provide the fundamentals of medicinal chemistry in drug design and development while maintaining overlap with the Chemistry degree. Lectures are complemented by laboratory experiments, where you will gain experience in more sophisticated preparative chemical techniques and will also be able to carry out your own spectroscopic analyses and computer-based modelling. You will also be able to choose two Trinity electives in other areas.

Fourth year

In fourth year, in addition to core chemistry modules, you will cover the medicinal chemistry of the cardiovascular and central nervous systems, combinatorial chemistry and drug delivery, as well as computational medicinal chemistry and modern analytical methods. Case studies in medicinal chemistry (focusing on specific diseases or drug types) will also feature in your programme.



Practical work in the final year will consist of a Capstone project. This may be carried out either in Trinity under the supervision of a member of staff, in a chemistry department at an overseas university, or in a commercial laboratory.

Study abroad and internship opportunities

The School of Chemistry has exchange agreements with many universities and research institutions in Europe and North America where Medicinal Chemistry students carry out their final year Capstone research projects from September to December or undertake internships. Individual groups in the school offer summer internships. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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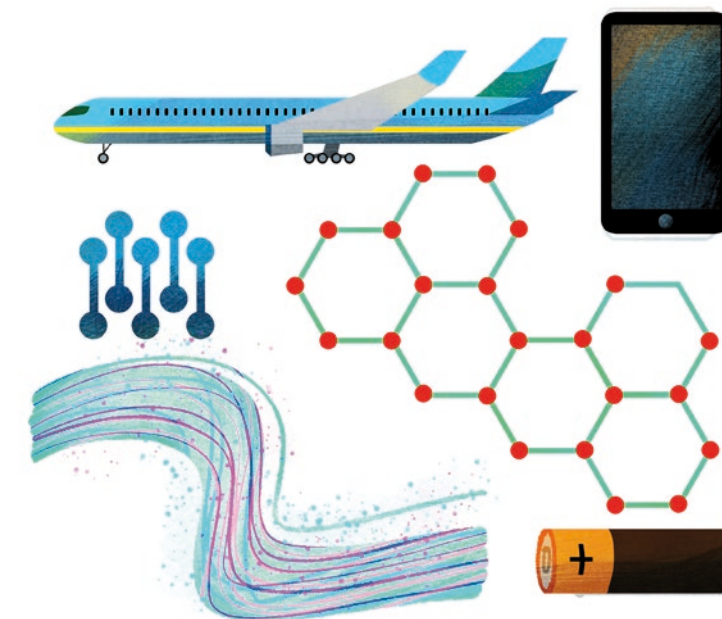
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Nanoscience

Students who apply to the physical sciences stream (TR063) may select nanoscience as their specialist area for the third and fourth years at the end of the second year, provided they take chemistry as their open modules in the first two years. It is also possible to enter nanoscience through the chemical sciences stream (TR061).



What is Nanoscience?

Nanoscience is the study of materials and devices at the nanoscale (<100 nm), a scale at which many exotic properties and behaviours come to the fore, leading to applications including advanced catalysis, biomedical imaging, batteries, and solar cells among many others. Nanoscience thus encompasses the design, synthesis, characterisation, testing, and use of such materials and devices, and lies at the interface of Chemistry and Physics.

Nanoscience: The course for you?

Nanoscience brings together aspects of chemistry and physics directed towards the study, design, production and use of materials and devices at the cutting edge of technologies in areas such as

energy conversion and storage, photonics, medical diagnostics, ultra-fast electronics, and industries such as electronics, telecommunications, healthcare and aerospace. If you enjoy laboratory work and have the desire to apply your scientific skills to the latest technologies that shape our world, then this is the course for you.

Nanoscience at Trinity

The Nanoscience degree is a specialised programme run by the Schools of Chemistry and Physics, entered either through Chemical Sciences (TR061) or Physical Sciences (TR063). This degree is strongly linked to our CRANN nanoscience institute, where Trinity is the major centre of nanoscience research in Ireland.

All our lecturers run research laboratories studying for example: nanomaterials, two-dimensional materials, nanoparticle synthesis, nanomagnetism, novel materials, fundamental and computational nanoscience, batteries and energy materials. Our research training combines the physics and chemistry appropriate to nanoscience culminating in the individual Capstone research project each student carries out in the final year in nanoscience with world-class research groups.

Graduate skills and career opportunities

As a Nanoscience graduate you will have wide-ranging scientific and analytical skills, giving you the qualifications to work in any Chemistry or Physics career. Many of our graduates

use their advanced skills to pursue research careers in Trinity or in other prestigious universities worldwide, while this expertise can also lead to employment in high-tech industries, financial services, information technology, or as a data scientist.

Study abroad and internship opportunities

Many of our students undertake research internships either in Trinity or other universities during the summer. Capstone projects may also be carried out at a number of partner universities in the UK, Europe, US and China.

Your degree and what you'll study

Third year

In third year you will study the physics of quantum systems and electromagnetism, the chemistry and physics of solid state materials and condensed matter, as well as analytical and computational methods in chemistry. You may further specialise in areas such as semiconductor physics or polymer chemistry. You will also conduct a range of bespoke nanoscience experiments designed to develop your abilities in the synthesis and characterisation of nanomaterials and your understanding of their properties and functions, in tandem with developing your science communication skills.

Fourth year

In fourth year you will take advanced courses in materials chemistry and nanoscience, as well as further developing your problem solving skills through small group tutorials. You will have the opportunity to specialise further with in-depth courses in areas such as magnetism and superconductivity, modern optics, energy science, or computational chemistry.

The highlight for many will be the Capstone research project, carried out for one semester in fourth year. Here you will have the opportunity to integrate into an active nanoscience research group based in the School of Chemistry, School of Physics, CRANN, or at one of our many partner universities around the world. During this project work you will gain real-world experience of research at the cutting edge of nanoscience.

Further information on the year abroad programme for second or third year students, and a list of partner universities, can be found at: www.tcd.ie/study/non-eu/study-abroad

Other courses you might enjoy




TR035: Theoretical Physics, page 182

TR063: Physical Sciences Stream, page 175

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www.tcd.ie/nanoscience

A Physics Open Day is held each October, see: www.tcd.ie/physics/outreach/open-days

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 physics@tcd.ie
 [@NpcamTCD](https://twitter.com/NpcamTCD)

DO YOU ENJOY...

Carrying out laboratory experiments and analysing your data?

Getting to grips with the latest research in Nanoscience and its impact on technology?

Geography and Geoscience

B.A. (Moderatorship) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR062	487	54	4 years

Students who wish to study the Geography and Geoscience stream will specialise in one of the following subjects in third and fourth year: Geography or Geoscience.



Geography and Geoscience is the study of our planet and the people that live on it. This multi-disciplinary programme is designed by leading research scientists in response to critical challenges facing the Earth system and humanity in the 21st century. It integrates knowledge from the physical, chemical, biological and social sciences to develop novel insights into Earth system function and human-environment interactions. So, if you are interested in studying the dynamics of our planet, understanding environmental changes past, present and future, and learning how to manage Earth's resources in an economic and sustainable manner, we have the degree for you.

The Geography and Geoscience degree programme is the Science entry pathway for the study of geography (human and physical geography) and geoscience (geology and physical geography) at Trinity. Our four-year programmes, culminating in the degrees of Geography or Geoscience, combine classroom lectures, seminars, laboratory-based practical classes, and outdoor field work, to develop the theoretical understanding and technical expertise needed to address applied, real-world problems such as natural resource management and sea level rise.

Structure of the Geography and Geoscience (TR062) programme

In first and second year, you will acquire a broad grounding in geography and geoscience with an emphasis on physical geography, geology and human-environment interactions. You will learn about topical issues such as climate change, natural hazards (such as volcanoes, earthquakes, landslides), energy, sustainability and natural resources. These foundation years cover a diverse range of material including: the origins and development of our planet; the Earth's structure and composition; circulation in the atmosphere and oceans; the evolution of life on Earth; Earth surface processes and

environments (such as glaciers, rivers and deserts). In addition to learning about the physical, chemical and biological processes responsible for creating and shaping the Earth, students will also consider the unique role that humans play in the Earth system, including their impacts on the land, air and water, and the grand challenges linked to environmental governance, policy and management.

In third and fourth year, you will deepen your knowledge in specialist areas, while further developing a portfolio of practical and technical skills (such as geochemical analysis, geographical information systems). Our flexible programme structure provides for module choice while retaining coherent curriculum design, thereby ensuring graduates are well prepared for entry to the constantly changing job market.

Specialist options span the breadth of Geography and Geoscience, allowing you to tailor the course to suit your interests. In this way, you may focus on topics traditionally associated with geography

(such as geomorphology, globalisation, sustainability) or geology (such as volcanology, palaeontology, earth resources), or you may choose to retain a broader, multi-disciplinary perspective that spans the critical interface between science and society.

Graduate skills and career opportunities

Geography and Geoscience graduates are highly valued for their cross-disciplinary expertise, adaptability and experience of dealing with complex spatial or multivariate data sets. They are in demand to work on many of society's most important challenges, and can pursue lucrative and personally rewarding careers in industry, academia, research and government. Careers leading directly from the programme include work in: environmental, engineering and geological consultancies; mineral exploration companies; the hydrocarbon industry; environmental planning; overseas development; government geological surveys; teaching and research.

Geography



Students who wish to study geography as a Science apply through TR062: Geography and Geoscience, and may select geography as their specialist area for the third and fourth years.

Alternatively, geography can be studied via the Arts, Humanities and Social Sciences pathway as a Joint Honours degree.

For Joint Honours subjects that combine with geography, see page 62.

What is Geography?

Geography is a discipline inherently suited to addressing current and future societal challenges. It asks questions about how and why human, physical, and environmental phenomena vary across space and time. Geography is intrinsically interdisciplinary and, as the world becomes increasingly interconnected, geographers are well placed to bring their understanding and skills to bear on social and environmental issues.

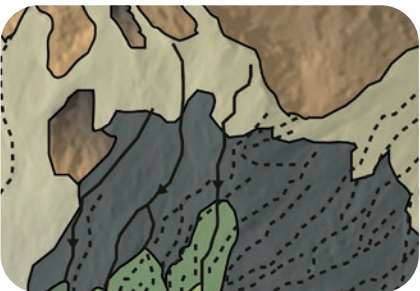
Geography: The course for you?

Today, geographical knowledge and experience are more important than ever, helping us to understand a dynamic and rapidly changing world. Our staff are world leaders in their chosen field and bring that expertise to their teaching. You will get to study in the classroom and the field, and undertake independent research in Ireland, overseas and even on Mars!

Geography at Trinity

Trinity is a hub of intensive and extensive geographical scholarship in Ireland. We teach and research across the subject, from coastal modelling and environmental change to development theory and urbanisation.

Trinity geographers provide expert advice to governments and non-government institutions alike, on issues such as climate change, the economy, social inequality, health and wellbeing.



Graduate skills and career opportunities

Geographers are trained to analyse and provide solutions to diverse global challenges, ranging from the environmental and the urban, to the economic, political and social. This combination of subject specific (such as GIS, remote sensing, modelling) and transferable skills (such as teamwork, problem solving) make geography graduates highly valued in today's job market, where adaptability and flexibility are widely regarded as assets.

Careers taken up by graduating geography students include urban and regional planning, environmental consultancy, research and teaching, financial services, foreign affairs, leisure, tourism and overseas development.

Your degree and what you'll study

The first two years provide a solid grounding in geography. You will take core modules covering physical and human geography, geology and environmental processes, along with foundation modules in mathematics, statistics and computation.

You will tailor your experience by selecting optional modules drawn from among the chemical, physical and biological sciences, and human geography.

In third and fourth year you will deepen your knowledge in particular aspects of geography, whilst further developing your portfolio of practical and technical skills. You will take part in a residential field course and learn techniques and skills that can lay the foundations for carrying out an individual research project (dissertation). Topics covered during third and fourth years include climate and environmental change, geomorphology, environmental governance, urban geography, globalisation and development, GIS and remote sensing.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

There are opportunities for students to spend all or part of the third year studying abroad at Exeter, Bordeaux, Paris-Sorbonne, Prague (Charles University), Utrecht or Stockholm universities. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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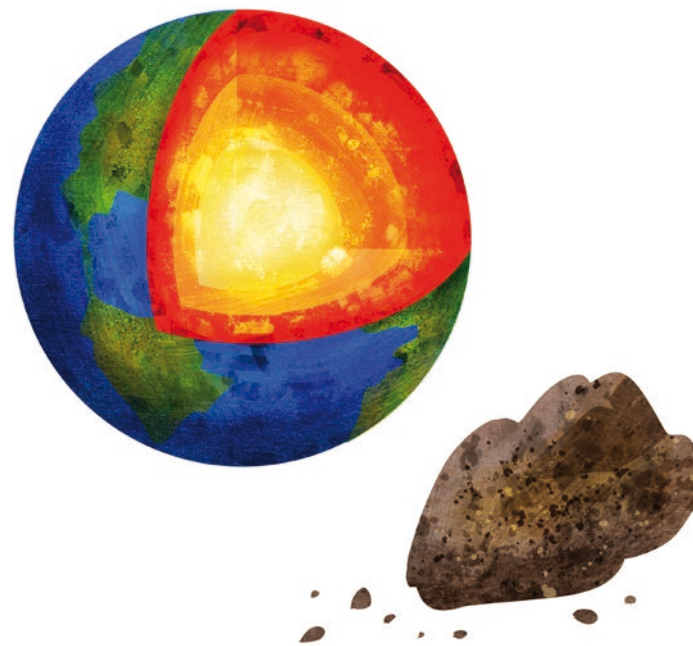
DO YOU ENJOY...

Learning to understand the way that global environmental change will alter our future?

Finding out about the developing world and geopolitics?

Analysing landscapes and landscape development over time?

Geoscience



Students who wish to study geoscience apply to the science degree (TR062) and may select geoscience as their specialist area for the third and fourth years at the end of the second year.

What is Geoscience?

Geoscience is a multi-disciplinary course designed by leading research scientists in response to critical challenges facing the earth system in the 21st century. It combines the study of geology, geography, chemistry, physics and biology, to develop a complete understanding of how the earth works. Geoscientists analyse the changing climate, predict earthquakes and volcanic eruptions, find supplies of energy and raw materials, maintain clean air and water, measure the motion of the Earth's crust and oceans, and reconstruct the evolution of rocky planets and life.

Geoscience: The course for you?

If you like science, enjoyed taking science and geography at school, care about the Earth, are fascinated by the natural world and enjoy working outdoors, then consider geoscience. Geoscience attracts people who wish to study the dynamics of our planet, to understand environmental changes past, present and future, and to manage Earth's resources in an economic and sustainable manner.

DO YOU ENJOY...

Finding out how our planet works?

Exploring the natural world outdoors?

Discovering how we can manage our natural resources more sustainably?

Geoscience at Trinity

At Trinity, you will learn from internationally renowned geoscientists whose teaching is informed by current research at the frontiers of knowledge. Our staff investigate topical issues including climate and environmental change, the origins and evolution of life, and Earth resources. Research and teaching combines field-observation, sophisticated laboratory analysis and numerical modelling to develop the quantitative understanding of our planet needed to address applied, real-world problems.

Graduate skills and career opportunities

There is currently a global shortage of geoscientists. Geoscience prepares students to work on many of society's most important challenges whilst unlocking lucrative and personally rewarding careers in industry, academia, research and government. Careers leading directly from geoscience include work in: environmental, engineering and geological consultancies; mineral exploration companies; environmental planning; government geological surveys; teaching and research. Geoscience graduates are also highly valued in more generalised fields of employment due to their adaptability, their many transferable skills and their experience at dealing with complex but incomplete data sets.

Your degree and what you'll study

The first two years provide a solid grounding in geoscience with modules covering geology, physical and human geography and foundation modules in mathematics, statistics and computation. You will tailor your experience by selecting optional modules from the chemical, physical and biological sciences, and human geography.

In third and fourth years you will deepen your knowledge in particular aspects of geoscience, whilst honing practical and technical skills through a combination of classroom lectures, seminars, and laboratory-based practicals. Topics covered include climate and environmental change, igneous and metamorphic processes, sedimentology, tectonics, geochemistry, exploration for natural resources (water, minerals and hydrocarbons), palaeontology and evolution.

You will complete a significant piece of independent research on your chosen specialism, which may take the form of a written dissertation or a geological mapping project.

Trinity is committed to training field scientists who have practical experience of field research in a range of environments and this programme includes several residential field courses in Ireland and overseas.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad

Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

Other courses you might enjoy

Geoscience may also be studied as part of the Dual B.A. Programme between Trinity College Dublin and Columbia University (USA). For more details see page 96.

GET IN TOUCH!

www.tcd.ie/geology

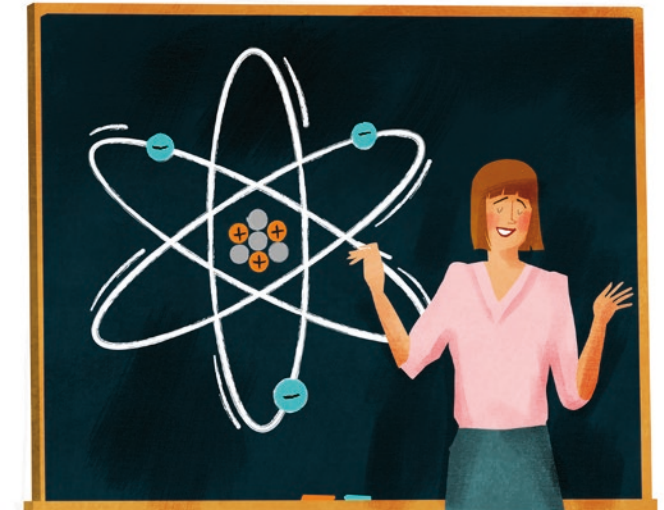
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Physical Sciences

B.A. (Moderatorship) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR063	524	72	4 years



Students who wish to study the Physical Sciences stream (TR063) will specialise in one of the following subjects in third and fourth year: Physics or Physics and Astrophysics or Nanoscience.

Alternatively, the separate entry Theoretical Physics (TR035) degree shares this physics problem-solving approach and places an even greater emphasis on the underlying mathematical complexity of the universe.

Students who wish to specialise in Nanoscience can also enter the Chemical Sciences stream (TR061).

Did you ever wonder why your smart phone battery needs to be recharged? Or why planets and stars don't crash into each other? From particles to planets, from crystals to chaos, from quanta to quasars and from superconductors to supernovae, physics can explain and answer many of our questions and curiosities.

Physical Sciences (TR063) at Trinity is a four year degree programme for students who like to solve problems. Whether it is studying galaxies, examining the potential of new lasers or investigating next generation nanomaterials, this degree pathway will prepare you for a lifelong career of solving problems in research, industry or business.

Why Physics at Trinity?

In the School of Physics our presence at the forefront of cutting-edge research allows us to contribute to ground-breaking advances relevant to society today. Our interdisciplinary approach to research requires national and global collaborations - an approach that influences our teaching and our students' mindset. In your fourth year of this programme, you will develop specialist research knowledge by carrying out a Capstone research project in our state-of-the-art facilities or with one of our collaborators in Ireland or abroad (including US, UK, France, Germany, China and Australia).

As well as practical knowledge of the subject, our programme is designed to help you to develop many other transferable skills valued by both employers and the wider community. These range from critical thinking and problem-solving skills to understanding complex mathematical/physical behaviour. Every year, graduates from all our degree courses and drawn from a range of sectors of industry, business and society are invited back to share their experiences with our current students. Our student societies host a career fair for students so you can meet employers. The School of Physics annual Alumni Careers Networking evenings enable you to hear from a range of graduates what they are doing in their careers today.

Our physics degrees have been accredited by the Institute of Physics, the professional body for physicists in Ireland and the UK. This opens up a pathway to become a 'Chartered Physicist' (CPhys). Trinity is also a member of LERU, a League of European Research Universities in recognition of our outstanding education, research and innovation; something that you will experience first-hand in our physics programmes.

Structure of Physical Sciences (TR063) programme

First and second years

In first and second year, you will study foundation topics in physics including classical and quantum mechanics, electromagnetism, special relativity, and thermodynamics through our lectures, tutorials and computational and experimental laboratory classes. This will be hand-in-hand with the study of mathematics and your choice of open modules from other science subjects. These strong foundations in physics and mathematics will allow you to study more advanced topics in the physics, astrophysics and nanoscience degree programmes in later years.

Third and fourth years

In third and fourth year, all students study central topics such as quantum mechanics, statistical physics and condensed matter physics. In addition, each student must opt to specialise in one of our three moderatorships:

Physics: Advanced topics include magnetism, semiconductor devices, materials and electronic structure, superconductivity, nanoscience, modern and non-linear optics, nuclear physics and structure, high energy physics and optional topics such as energy science, polymers, soft matter, computer simulation and energy science.

Physics and Astrophysics: Specialised astrophysics topics include stellar and galactic structures, planetary and space science and cosmology together with nuclear physics and structure, and high energy physics.

Nanoscience: Advanced topics include nanoscience, condensed matter physics, specialist courses in thin films, polymers, soft matter, solid state chemistry, electrochemistry, photochemistry, all emphasizing nanomaterials.

All have tailored practical courses developing appropriate laboratory, experimental, computational and analysis skills as well as participation in research-level final year Capstone projects carried out in a research laboratory in Trinity or in another university, research institute or astrophysical observatory (including US, UK, France, Germany, China and Australia).



Physics

Students who wish to study physics apply to the physical sciences stream (TR063) and at the end of second year may select physics as their specialist area for the third and fourth years.



What is Physics?

Physics is the study of the laws of the universe, how these function at our everyday classical scales, at smaller quantum scales of atoms, nuclei and fundamental particles, of electrons and photons in vacuum, in materials, in devices and nanostructures, of complex collective behaviours, and how these laws act over the immense scales of stars and vast distances of the universe. Physics encompasses all of this and more.

Physics: The course for you?

Physicists view the behaviours within the world in terms of all observable interactions. The known law of physics are a distillation resulting from this viewpoint, governing every aspect of the world around us. In this course you study the fundamentals of classical and quantum physics, the physics of motion, of energy, of light, of individual particles to ensembles of particles, whether on cosmic scales, the nanoscale, or the quark scale. Your study includes materials, semiconductors and nanostructures, atomic, nuclear and fundamental particle physics, collective behaviours of electrons in magnetism, photons in modern photonics, and thermodynamic principles applied to gases, stars or quantum systems and computer simulation. This degree encompasses all of physics inclusive of nanoscience and cosmology and the underpinnings of our world and its behaviours.

Physics at Trinity

The School of Physics has strong teaching and research links with other departments in Trinity and beyond. All lecturers run research groups with major strengths of the department being in photonics, magnetism, nanomaterials, nanoscience, energy materials and energy processes, microscopy, spectroscopy, quantum systems, computational physics, foams as well as astrophysics. Every student is encouraged to consider themselves as a physicist from day one and trained to observe

and interpret. Physics research training culminates in the individual Capstone research project each student carries out in the final year. All students gain both a practical, hands-on experiences, in addition to deep physics-based understanding in how to approach problem solving.

Graduate skills and career opportunities

Graduates of physics not only have general scientific training with specialised knowledge of physics but have a deep understanding of complex mathematical behaviours and how to creatively problem solve, resulting in employment in many diverse positions and industries. You may pursue further training in physics and become a research scientist in industry, university, or institutes. Some graduates undertake further study in medical physics, in education or in business degrees.

Your degree and what you'll study

Third year

You will study the physics of quantum systems, of electromagnetism and of collective behaviours underpinning condensed matter and the electronic and physical structure of materials as well as atomic and semiconductor physics and devices. Options will include galactic and stellar astrophysics, computational physics, experimental techniques and observational astrophysics. The experimental programme of advanced laboratory experiments in the third year, refines your data analysis skills and scientific interpretation with a major emphasis on developing your science communication skills. You will also broaden your studies by taking Trinity Elective modules in non-science subjects.

Fourth year

In fourth year you study advanced modules in quantum, nuclear and particle physics, advanced electromagnetism, and physics

problem solving with the widest possible additional module choice in all of our degrees encompassing photonics, energy, nanoscience, polymer, physics magnetism, computational physics, cosmology, quantum optics and information. Students undertake individual Capstone research projects, drawing directly from research in the department, guided by Trinity professors, working within their research group, or at an international partner university. Research projects have recently included machine learning for computational materials science, printed supercapacitors from 2D materials, strong light-matter interactions, semiconductor laser control, novel solar thermal devices, 3D printing of magnets, quantum thermodynamics and properties of nanowire networks.



There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Study abroad and internship opportunities

Many of our students undertake research internships in Trinity or other universities during the summer vacation. Our students have won scholarships for example to attend the PRACE Summer of High Performance Computing, and the Institute of Physics in Kazan, among others to work in research laboratories between third and fourth year. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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Physics and Astrophysics

Students who wish to study physics and astrophysics apply to the physical sciences stream (TR063) and at the end of second year may select physics and astrophysics as their specialist area for the third and fourth years.



What is Physics and Astrophysics?

The Physics and Astrophysics course studies the universe, how it has arisen, and the ways in which it functions. Using the laws of physics derived from the world around us we apply these on cosmic scales and times to study topics such as the formation of planetary systems, how stars are powered and evolve, the structure and motion of galaxies, as well as everything in between.

Physics and Astrophysics: The course for you?

Physics and Astrophysics students study the fundamentals of classical and quantum physics, the physics of motion, energy and of light, applying to both individual particles and ensembles of particles, on scales from the macroscopic and the microscopic encompassing atomic, nuclear and fundamental particle physics, but extending to stellar, galactic and cosmic scales. The emphasis in the latter years turns more towards astrophysics, observational data analysis and the understanding of what happens based on our observations of the universe. The course puts an emphasis on data analysis to understand the world, skills which underpin many modern careers and not simply that of a research astrophysicist.

Physics and Astrophysics at Trinity

Physics and Astrophysics is taught within the School of Physics but has strong astrophysical teaching and research links beyond Trinity. All of our lecturers run research groups with major strengths in light pollution studies, radio astronomy, exoplanets, and stellar astrophysics among others. Every student is encouraged to apply physics to the universe at large and computational skills are developed.

Research training culminates in the individual Capstone research project carried out in the final year on a topic in either astrophysics or physics. Typically, students become very skilled in analysis of observations, in computer simulations and in the handling and analysing of large datasets.

Graduate skills and career opportunities

Your general scientific training and specialised knowledge can lead to employment in a wide variety of careers. As a graduate, you are qualified to work in any physics career and recent graduates have gone into medical physics or education careers. Further training in astrophysics can lead to a research career at an institute or university, or you can use your skills to find employment in high-tech industries, financial services, information technology, or as a data scientist.

Your degree and what you'll study

Third year

You will study the physics of quantum systems, electromagnetism and of collective behaviours underpinning condensed matter and the electronic and physical structure of materials as well as the astrophysics of galaxies and stars and observational astrophysical and spectroscopic analysis techniques with specialised laboratories in astrophysical data analysis. Options include computational physics, experimental techniques and semiconductor physics and devices. The experimental programme of advanced laboratory experiments in the third year also has a major emphasis on developing your science communication skills. You will also broaden your studies by taking Trinity Elective modules in non-science subjects.

Fourth year

In the final year you study advanced modules in planetary science, space science and cosmology alongside advanced quantum mechanics, nuclear and particle physics,



advanced electromagnetism, and problem solving. Further options include computational physics, magnetism, photonics and energy science. You will undertake an individual Capstone research project in an astrophysics or a physics topic that is guided by Trinity professors and working within their research groups or with associated collaborating institutes or universities. Recent research projects have looked at topics ranging from observations with I-LOFAR antennas, through to study of solar eruptions, exoplanet atmospheres, evolution of stars in the early Universe and supernova explosions.

Study abroad and internship opportunities

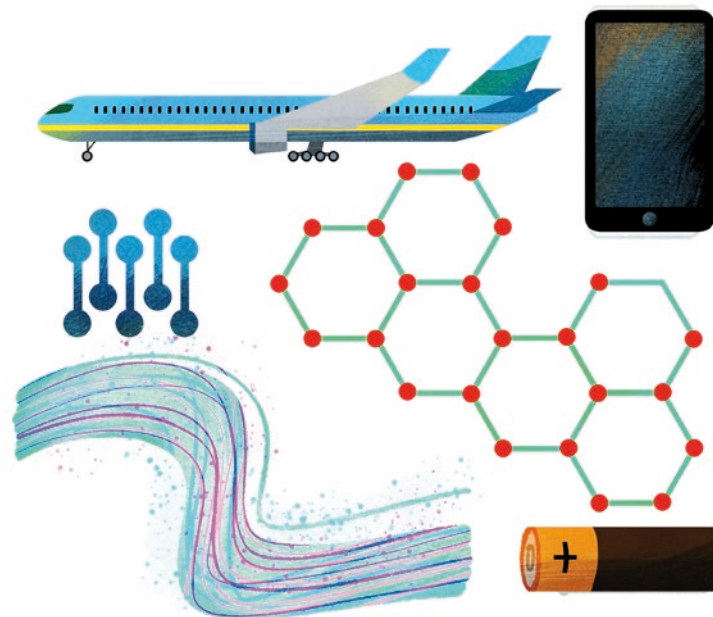
Many of our students undertake research internships in Trinity or other universities during the summer vacation. Our students have won scholarships to work in research laboratories between third and fourth year from the Dublin Institute for Advanced Studies, Armagh Observatory, or the Dutch research agency ASTRON amongst others. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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 physics@tcd.ie
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Nanoscience



Students who apply to the physical sciences stream (TR063) may select nanoscience as their specialist area for the third and fourth years at the end of the second year provided they take chemistry as their open modules in the first two years. It is also possible to enter nanoscience through the chemical sciences stream (TR061).

What is Nanoscience?

Nanoscience is the study of materials and devices at the nanoscale (<100 nm), a scale at which many exotic properties and behaviours come to the fore, leading to applications including advanced catalysis, biomedical imaging, batteries, and solar cells among many others. Nanoscience thus encompasses the design, synthesis, characterisation, testing, and use of such materials and devices, and lies at the interface of chemistry and physics.

Nanoscience: The course for you?

Nanoscience brings together aspects of chemistry and physics directed towards the study, design, production and use of materials and devices at the cutting edge of technologies in areas such as energy conversion and storage, photonics, medical diagnostics, ultra-fast electronics, and industries such as electronics, telecommunications, healthcare and aerospace. If you enjoy laboratory work and have the desire to apply your scientific skills to the latest technologies that shape our world, then this is the course for you.

DO YOU ENJOY...

Carrying out laboratory experiments and analysing your data?

Getting to grips with the latest research in nanoscience and its impact on technology?

Learning about the building blocks of the universe?

Nanoscience at Trinity

The Nanoscience degree is a specialised programme run by the Schools of Chemistry and Physics, entered either through Chemical Sciences (TR061) or Physical Sciences (TR063). This degree is strongly linked to our CRANN nanoscience institute, where Trinity is the major centre of nanoscience research in Ireland. All our lecturers run research laboratories studying for example: nanomaterials, two-dimensional materials, nanoparticle synthesis, nanomagnetism, novel materials, fundamental and computational nanoscience, batteries and energy materials. Our research training combines the physics and chemistry appropriate to nanoscience culminating in the individual Capstone research project each student carries out in the final year in nanoscience with world class research groups.



Graduate skills and career opportunities

As a Nanoscience graduate you will have wide-ranging scientific and analytical skills, giving you the qualifications to work in any chemistry or physics career. Many of our graduates use their advanced knowledge and skills to pursue research careers in Trinity or other prestigious universities worldwide, while this same expertise can also lead to employment in high-tech industries, financial services, information technology, or as a data scientist.

Study abroad and internship opportunities

Many of our students undertake research internships either in Trinity or other universities during the summer. Some Capstone projects may also be carried out at any number of partner universities in the UK, Europe, US and China. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

Your degree and what you'll study

Third year

In third year you will study the physics of quantum systems and electromagnetism, the chemistry and physics of solid state materials and condensed matter, as well as analytical and computational methods in chemistry. You may further specialise in areas such as semiconductor physics or polymer chemistry. You will also conduct a range of bespoke nanoscience experiments designed to develop your abilities in the synthesis and characterisation of nanomaterials and your understanding of their properties and functions, in tandem with developing your science communication skills.

Fourth year

In fourth year you will take advanced courses in materials chemistry and nanoscience, as well as further developing your problem solving skills through small group tutorials. You will have the opportunity to specialise further with in-depth courses in areas such as magnetism and superconductivity, modern optics, energy science, or computational chemistry.

The highlight for many will be the Capstone research project, carried out for one semester in fourth year. Here you will have the opportunity to integrate into an active nanoscience research group based in the School of Chemistry, School of Physics, CRANN, or at one of our many partner universities around the world. During this project work you will gain real-world experience of research at the cutting edge of nanoscience.



WHAT OUR GRADUATES SAY

Aisling Hussey

I enjoyed Chemistry and Physics in school and chose Physical Sciences to learn more about them. I decided to specialise in Nanoscience for the final two years of my Physical Sciences degree. Nanoscience gave me the opportunity to combine what I had learned about physics and chemistry to learn about materials, their properties and functions. Module choices in the last two years allowed me to tailor the course to my interests and I enjoyed the final-year research project, completed in CRANN, where I got to see the application of nanoscience and experience a research project myself. Overall, the course inspired me to continue working in research as I am now doing a Ph.D. in Trinity.




GET IN TOUCH!

www.tcd.ie/nanoscience

 npcam@tcd.ie

 physics@tcd.ie

 [@NpcamTCD](https://twitter.com/NpcamTCD)



WHAT OUR STUDENTS SAY

Eoin Caffrey

I most enjoyed the opportunity to engage in practical laboratory sessions as part of my course. I was able to spend a day a week carrying out experimental work and engaging in discussions with other students and teaching assistants. I found these experiments brought many of the concepts covered in lectures to life and helped me to develop a better understanding.

Mathematics

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR031	590	40	4 years
Joint Honours (see below)	531-613	30	4 years



TR033 Mathematics is studied as a Single Honours subject AND Mathematics is studied as a Joint Honours subject with one of the following options:

- TR207 Economics
- TR597 Modern Language* (German, Irish, Italian, Russian, Spanish)
- TR598 Music
- TR599 Philosophy

* See page 84 for language options and requirements

What is Mathematics?

Mathematics is a broad and diverse subject which is used to model, analyse and understand several applications in the physical and biological sciences, engineering, management science, economics and finance. Its numerous applications are naturally interwoven with the underlying theory which is essential in developing one's logical reasoning, quantitative skills and problem-solving techniques.

Mathematics: The course for you?

Mathematics is an excellent choice for anyone hoping to meet the demand for mathematics graduates in the job market, which values numeracy, ability in abstract reasoning and the skill to turn ideas into methods. If you have a natural ability in mathematics and are genuinely interested in applying mathematical solutions to problem solving, then this course will suit you well. It is also a great start for a career in actuarial work, finance or accounting, although these will require further training. The course has been successful over a long period in providing diverse career opportunities for many students.

Mathematics at Trinity

Trinity is justly proud of its long tradition of excellence in mathematics. Research interest in the School of Mathematics is enormously varied, ranging from the abstract ideas of modern algebra and analysis to practical ideas of numerical analysis, modelling and computer algorithms, the nature of fundamental particles and general relativity, non-linear systems and fluid mechanics. This departmental diversity is reflected in the specialist degree-level courses available to students. With an academic staff that brings expertise and experience from many parts of the world, the course aims to be world class, with options for study and research in a wide range of mathematical areas.

Graduate skills and career opportunities

Mathematics opens up the possibility of a career in a variety of industries and sectors. Graduates have found employment in computing, where mathematics skills have immediate and practical application. The financial services and internet security sectors are also common first destinations for graduates. Other options include statistics, teaching, accountancy, actuarial work, finance, and all areas of pure and applied mathematics. Many of these involve further study or intensive research in leading universities including Cambridge, Oxford, and Imperial College London.

Pathways

The pathways available are Single Honours, Major with Minor and Joint Honours. There may also be an opportunity to take this subject up as a New Minor Subject from second year, please see page 29 for further information.

WHAT OUR CURRENT STUDENTS SAY Maria Munoz Lopez

The programme at Trinity has given me a passionate and well-rounded education in mathematics. It has given me the chance to study many different areas of maths, as well as the possibility to study abroad in Australia and spend time working on research projects in the US. The opportunities and the high level of support have made me wish to continue my career in maths, and pursue a Ph.D. at the University of Minnesota.

Special Entry Requirements

Leaving Certificate	H3	Mathematics
Advanced GCE (A Level)	Grade B	Mathematics
International Baccalaureate	HL Grade 6	Mathematics

Your degree and what you'll study

The programme is designed to provide a broad mathematical training that will allow you to work in any environment that requires strong numerical and logical skills. The modules offered can be grouped into four areas:

- Pure mathematics which explores fundamental concepts and abstract theories
- Applied and computational mathematics which deals with practical problems
- The mathematics of theoretical physics
- Statistical models and methodology

First and second years

Students take common modules in order to develop their skills and overall background in calculus, linear and abstract algebra, and other related subjects. Although most of the first and second year modules are compulsory, students are also able to choose a few open modules in areas such as probability, statistics and theoretical physics (as well as Trinity Electives during the second year).

Third and fourth years

Students choose their own modules and thus specialise in the areas they find most interesting and appealing. There is a broad selection of modules in pure mathematics, theoretical physics, statistics and computer science (as well as Trinity Electives during the third year).

Philosophy is also available within the Dual B.A. Programme between Trinity College Dublin and Columbia University. Please note: The Dual B.A. is only open to Single Honours students. Joint Honours students cannot apply to the Dual B.A.. For more details, see page 96.



Study abroad

Students may choose to spend their third year to study abroad at one of our partner universities as part of an exchange programme. In particular, some of our students have recently completed their third year of studies at the University of Durham (UK), Université de Lille 1 (France), the University of California at Berkeley (USA), McGill University (Canada) and the University of Melbourne (Australia). You may apply to spend your third year studying at a university abroad as part of an exchange programme. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

Other courses you might enjoy

TR035: Theoretical Physics, page 182

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WHAT OUR GRADUATES SAY

Adam Keilthy

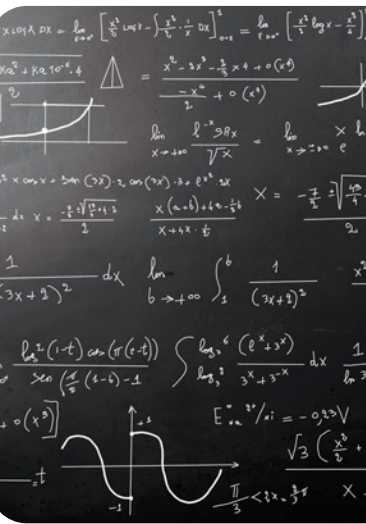
Mathematics in Trinity truly broadened my mathematical horizons. With such a broad range of topics available, and such positive student-staff interaction, I was inspired to pursue a Ph.D. in Oxford. However, academia was not my only option: many of my peers pursued careers in finance, computing and industry. The courses are well designed, and the staff are engaging and dedicated to helping students. Having so many courses to choose from allows you to tailor the degree to your interests perfectly. While the work can be hard, it is extremely rewarding and so I would highly recommend maths as an option to those with an interest.

WHAT OUR GRADUATES SAY

Aoibheann Brady

The maths degree at Trinity allowed me to explore a wide range of topics, and the research programmes for undergraduates guided my decision to pursue a Ph.D. at the University of Bath. I also worked in finance during summers and after graduating, the possibilities open to me have been incredibly broad.

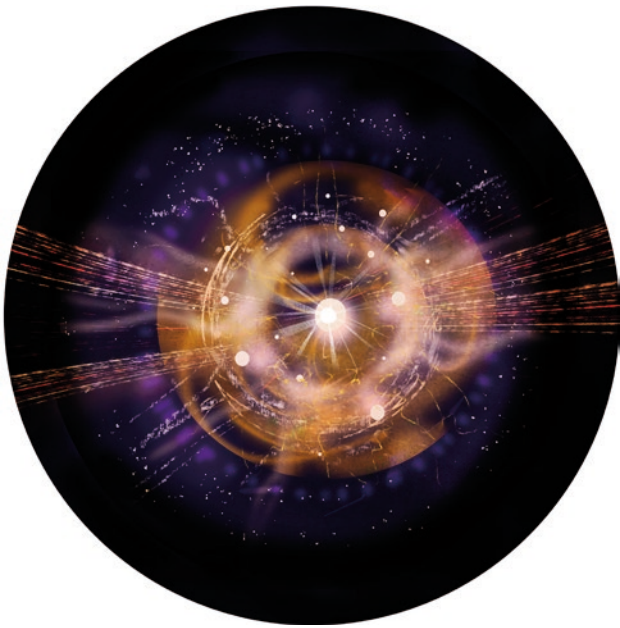
The course had great social aspects: I have made friends for life through the Mathematical Society and was a founding member of the "Ireland for CERN" campaign – an experience not available elsewhere. The standard of courses, the opportunities, and the level of support and engagement of academic staff make choosing the degree a fantastic decision.



Theoretical Physics

B.A. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR035	525	45	4 years



What is Theoretical Physics?

Theoretical physics explores the natural world at its most fundamental level, using mathematical theories guided by experimental investigation. For some it is the foundation for an academic career in mathematics or physics. For others it provides the basis for many career options in industry, medicine, law, finance and computing. Trinity provides a course which ranges widely across physics and mathematics. Its graduates are in demand for their technical skills and versatility.

Theoretical Physics: The course for you?

If you enjoy mathematics and seeing how physical theories can be developed to unlock the secrets of the universe on every scale from the quark to the Big Bang, you will be stimulated by this course. If you want to keep

a wide range of options open for the future, you can do this in Theoretical Physics. It consistently attracts a spirited and talented class that makes the most of the Trinity experience.

Theoretical Physics at Trinity

Trinity is a world-renowned university for physics and mathematics with a long tradition of excellence in teaching and research. The course offers a unique mixture of pure and applied mathematics and physics courses taught by faculty with international reputations in their research fields. The School of Physics has excellent first, second and third year laboratories for teaching experimental physics. The School of Physics is affiliated with Trinity's world-renowned nanoscience institute (CRANN, the Centre for Research on Adaptive Nanostructures and Nanodevices) and the associated advanced microscopy lab (AML).

In the School of Mathematics students will be taught by active researchers working in areas of theoretical physics, such as string theory, quantum field theory and general relativity, as well as pure mathematicians. The School of Mathematics provides its own computing network comprising a dozen Linux machines acting as servers and about 60 workstations for undergraduates and staff. In addition, the school boasts the finest mathematics research library in Ireland, with more than 16,000 books and a current subscription to more than 100 journals.

Assessment for courses is through a mixture of laboratory reports, presentations and end-of-semester exams.

Special Entry Requirements

Leaving Certificate	H3	In mathematics and physics
Advanced GCE (A Level)	Grade B	In mathematics and physics
International Baccalaureate	HL Grade 6	In mathematics and physics



Graduate skills and career opportunities

Many of our graduates proceed to Ph.D. degrees in leading institutions throughout the world (such as Cambridge University, Harvard, and Imperial College London) in mathematics and experimental physics as well as theoretical physics. Alternatively, as this degree provides graduates with a strong foundation in highly complex problem-solving skills as well as logical and abstract thinking, a world of possibilities beckons. The broad scientific background and skills that the course develops are in great demand by employers in diverse areas, including actuarial science, patent law, journalism, weather forecasting, telecommunications, medical physics, information technology, scientific computing and teaching.

Your degree and what you'll study

The course combines much of the mathematics and physics curricula, including several modules specifically designed with the Theoretical Physics programme in mind. The final year includes a Capstone project which is carried out working closely with individual faculty members to develop an original piece of research.

Study abroad

Theoretical physics students can spend up to a year, usually the third year, of their studies at a university abroad, either in Europe via Erasmus exchanges or further afield via a considerable number of bilateral agreements between Trinity and universities ranging from the Australian National University to the University of California and New York University in the United States.

WHAT OUR GRADUATES SAY

Manya Sahni

I chose theoretical physics in Trinity because I wanted the best possible understanding I could get in university about the laws that govern our universe. I loved solving problems. If you go through the definitions and practice using the theorems, it all comes together in this magical moment and, suddenly, you find you know how to solve a problem. It is the most challenging and rewarding thing I have done in my life. It is worth all the work I put in to now have an idea of how black holes work. I would like to pursue a Masters or a Ph.D. in particle physics or quantum gravity. Theoretical Physics has given me the problem-solving and analytical skills to research these topics.

	First and Second Years	Third Year	Fourth Year
Maths	<ul style="list-style-type: none">AlgebraAnalysisMechanicsEquations of Mathematical Physics	<ul style="list-style-type: none">Classical Field Theory and ElectrodynamicsQuantum MechanicsStatistical Physics	<ul style="list-style-type: none">Quantum Field TheoryDifferential GeometryGeneral RelativityPartial Differential EquationsOther mathematical modules and a project option are available each year
Physics The teaching of physics is divided into two modules (each of 10 credits) in each of the first two years and 5 credit lecture and 10 credit practical/project modules in the third and fourth years.	<p>Topics in classical and modern physics include:</p> <ul style="list-style-type: none">Waves and Optics, Special Relativity, Astronomy and Astrophysics, Quantum Physics, Nuclear Physics, Electromagnetic Interactions, Chaos and Complexity and Statistics.Students also take laboratory classes, small group tutorials and group study projects.	<ul style="list-style-type: none">Atomic Physics and Statistical ThermodynamicsCondensed Matter Physics I and IIAstrophysics or Computer SimulationStudents also take a laboratory class and workshops to develop communication skills.	<ul style="list-style-type: none">Condensed Matter TheoryHigh Energy Physics and Nuclear Structure <p>Optional courses are in:</p> <ul style="list-style-type: none">Energy ScienceMagnetism and SuperconductivityQuantum Optics and InformationCosmologyComputer SimulationStudents undertake a computational physics Capstone project and tutorials to develop problem solving abilities.





Other courses you might enjoy

TR031: Mathematics, page 180
TR063: Physical Sciences, page 175

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HEALTH SCIENCES

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204	Children's and General Nursing (Integrated)
208	Occupational Therapy
210	Pharmacy
212	Physiotherapy
214	Radiation Therapy



Dental Hygiene

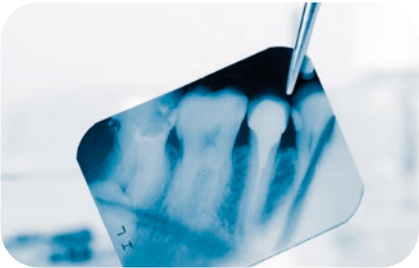
Diploma (NFQ Level 7)

Course Code	CAO Points 2022	Places 2023	Duration
TR802	553	8	2 years



What is a Dental Hygienist?

The dental hygienist works closely with other dental team members and healthcare professionals. Patients must first be examined by a dentist who will then indicate the treatment to be carried out by the dental hygienist. The dental hygienist focuses on preventative oral care for both children and adults, including those with special needs. Dental hygienists treat patients in the clinical setting to prevent or control periodontal (gum) disease and dental decay. They also engage in oral health promotional activities with individuals, targeted groups and other health care teams, providing advice and counselling in relation to diet and lifestyle habits such as smoking.



Dental Hygiene: The course for you?

If you have an interest in working in oral health, and particularly preventative oral health, then this course is right for you. You will need to be able to develop good patient care skills, so an empathic personality and good communication skills are important. You need to be a good team player and show initiative to achieve the best for people in your care.

Graduate skills and career opportunities

After qualifying as a dental hygienist, you will be able to:

- Describe the role of the dental hygienist and function within a dental team in oral health promotion and the provision of primary health care
- Plan, implement and evaluate oral educational activities for groups and individuals
- Carry out procedures to measure and assess the levels of oral health and oral hygiene
- De-bridge and polish the teeth
- Place fissure sealants
- Apply fluoride-containing preparations and desensitising agents to the teeth
- Recognise abnormalities in the mouth and inform the dentist
- Take dental radiographs
- Administer local anaesthetic for dental hygiene procedures
- Place temporary dressings and re-cement crowns temporarily

The Diploma in Dental Hygiene conferred by Trinity entitles graduates to register immediately after graduation as a dental hygienist on the Register of the Irish Dental Council. This registration is mandatory for working as a dental hygienist in Ireland.

Most dental hygienists will work in general dental practices or within the public health service. The opportunity exists to teach or become involved in research. The opportunity to work abroad also exists but may require you to sit some local examinations in the country of choice. Further courses of study are available to dental hygienists, including the Diploma in Orthodontic Therapy (see page 194).



This is a restricted entry course

Applications must be submitted by 1 February 2023. Applicants will receive a questionnaire in April to be completed and returned to the Academic Registry. No additional points are allocated for its completion, but if it is not returned, a place will not be offered. Queries should be sent to academic.registry@tcd.ie.

Leaving Certificate

Applicants are required to present six subjects including: English, mathematics, and one of physics, chemistry, biology, agricultural science or physics/chemistry. Of the six subjects presented, two must be of a standard of at least grade 4 on higher Leaving Certificate papers. The remaining four subjects must be presented to a standard of at least grade 6 on ordinary Leaving Certificate papers.

EU Mature Students

Applications may also be considered from mature applicants who do not satisfy the academic entry requirements but can demonstrate appropriate experience relevant to the course. All offers of admission to this course are made subject to health screening, see health screening page 226. Students will be required to undergo Garda vetting, see page 226 for further details.

Your diploma and what you'll study

This two-year course is based in the Dublin Dental University Hospital at Trinity. It has academic, project-based and clinical components which are carried out in the Dublin Dental University Hospital, Health Services Executive and general hospital settings. Emphasis is on small-group interactive learning, health promotion projects, evidence-based learning, and clinical practice. You will be integrated with undergraduate dental science students and dental nursing students for some elements of the programme.

First year

Modules covered include:

- Introduction to Applied Clinical Science
- Introduction to Clinical Practice
- Clinical Practice and Health Promotion

Second year

Modules covered include:

- Health Promotion
- Evidence-Based Practice
- Clinical Practice

Assessment is by a combination of written assessments and examinations, objective structured clinical examination (OSCE), a community-based health education project, competence tests in various clinical procedures, completion of various logbooks, clinical credits demonstrating a reasonable level of patient care, and a final written and clinical examination.

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www.tcd.ie/dental

natalie.mcgettigan@dental.tcd.ie



Dental Nursing

Diploma (NFQ Level 7)

Course Code	CAO Points 2022	Places 2023	Duration
TR801	369	25	2 years



What is a Dental Nurse?

The dental nurse plays an important role in the organisation and management of the dental practice, assists the dentist in all aspects of patient treatment and plays a vital role in patient care. The main duties of a dental nurse include infection prevention and control, chair-side assistance, preparation and maintenance of the dental clinic and patient care.

This programme empowers you with the skills and practical competence required to work in a dental environment. You will learn about the day-to-day role of the dental nurse and acquire the qualification for entry to the Dental Council Voluntary Register of Dental Nurses.

Dental Nursing: The course for you?

If you have an interest in working as part of a dental team in the delivery of oral healthcare and have a caring and understanding disposition, this may be the course for you. Skills required of students considering dental nursing include communication and organisation skills, the ability to use initiative, and the ability and willingness to work closely with the dental team in providing support and assistance during the provision of dental treatment. The dental nurse may also be involved with the administration of the dental clinic.

Through the course, you will be able to develop good patient skills and learn to communicate effectively in a healthcare environment.

Dental Nursing at Trinity

This two-year programme is based in the Dublin Dental University Hospital on Trinity's campus. Clinical facilities are of a very high standard and class sizes are small, so that students receive considerable staff input into their progress throughout the programme. The programme is very practical throughout, allowing students to progressively develop clinical skills. Graduates of the Trinity School of Dental Science and Dublin Dental University Hospital (DDUH) are highly sought after, due to the extensive clinical exposure obtained during this programme.

Graduate skills and career opportunities

As a graduate of Dental Nursing, you can find employment in a variety of working environments, including dental hospitals and Health Service Executive dental clinics, as well as in general and specialist dental practices. Depending on the work setting, advancement in the field may include senior dental nurse, clinic nurse manager, practice manager, marketing representatives for relevant companies, dental nurse tutor, course co-ordinator, and the area of health promotion.

Further courses of study are available to dental nurses, including the Diploma in Orthodontic Therapy (see page 194).



Leaving Certificate

Applicants are required to present six subjects including: English, mathematics, and one of physics, chemistry, biology, agricultural science or physics/chemistry.

Of the six subjects presented, two must be of a standard of at least grade 4 on ordinary Leaving Certificate papers.

The remaining four subjects must be presented to a standard of at least grade 6 on ordinary Leaving Certificate papers.

Mature Students

Applications may also be considered from mature applicants who do not satisfy the academic entry requirements but can demonstrate appropriate experience relevant to the course.

All offers of admission to this course are made subject to health screening, see health screening page 226.

Students will be required to undergo Garda vetting, see page 226 for further details.



Your diploma and what you'll study

The Diploma in Dental Nursing course is divided into practical and academic components. Both academic teaching and practical clinical experience are gained at the Dublin Dental University Hospital (DDUH) at Trinity College Dublin.

Dental Nursing students attend DDUH from Monday to Friday, from 8.30am to 5pm, but there will be opportunities to enjoy university life at various times during the week. The first year will be a combination of lectures and clinical practice, which will provide students with a variety of learning opportunities.

In the second year of the programme, the students will have the opportunity to work with various dental clinicians in a wide variety of disciplines. Clinical experiences will be gained within the DDUH environment, external institutions and private practices.

First year

Modules covered include:

- > Microbiology and Pathology
- > Physiology, Medical Emergencies and Clinical Dentistry
- > Anatomy, Public Oral Health and Social Concepts in Dentistry
- > Clinical Dentistry II and Computer Skills
- > Clinical Placements I

Second year

Modules covered include:

- > Clinical Dentistry III, Practice Management and Health Psychology
- > Clinical Placements and Portfolio of Experience
- > Case Study Written Report and Oral Presentation

First year is assessed through attendance, assignments, written examinations, practical examinations, continuous clinical assessment, a clinical logbook, an objective structured clinical examination (OSCE) and an oral presentation.

Second year is assessed through attendance, assignments, written examinations, practical examinations, continuous clinical assessment, an OSCE, a portfolio of experience, a case study written report and an oral presentation.

GET IN TOUCH!

www.tcd.ie/dental
E dentalnursertutor@dental.tcd.ie



Dental Science

B.Dent.Sc. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR052	625	32	5 years



What is Dental Science?

Dental Science is the study of the oral cavity and the diseases associated with oral tissues. This five-year programme is designed to ensure that graduates can safely and effectively deliver the full range of primary dental care, including prevention, diagnosis and treatment of oral and dental diseases.

Dental Science: The course for you?

If you have an ability to build caring and professional relationships with patients, co-workers and the wider community and if oral healthcare and its impact on individuals interests you, then Dental Science is right for you. You should also enjoy undertaking physically and mentally demanding clinical practice, which requires considerable attention to detail with small margins for error. The course is long (five years) and intense, requiring stamina and commitment.

Dental Science at Trinity

This course is based in the Dublin Dental University Hospital situated on the Trinity campus. Clinical facilities are of a very high standard, emphasising the use of information technology. Class sizes are small, to ensure that students receive considerable staff input into their progress throughout the programme. Much of the teaching is delivered through problem-based learning and there is lots of hands-on clinical experience treating patients. Students are introduced to clinical practice in first year as observers and they commence treating their own patients (under supervision) in the second year. By the fifth year students are expected to have completed a wide range of treatments similar to those provided in general dental practice. Graduates of the Trinity School of Dental Science and Dublin Dental University Hospital are highly sought after due to the extensive clinical exposure obtained during the programme.

Graduate skills and career opportunities

Graduates of the Dental Science programme in Trinity are widely recognised for their clinical experience and are highly sought after. There is a wide range of career options open to newly qualified dentists, from general dental practice providing both state-funded or private dental care, or in the salaried public dental service. Many graduates choose to continue their education, specialising in one area within dentistry. Dentistry gives scope to work and travel worldwide. Citizens of the EU who graduate from an EU dental school may practice anywhere in the EU and there is currently demand for dentists all over Europe.

Your degree and professional practice (B.A., B.Dent.Sc.)

The Bachelor of Dental Science (B.Dent.Sc.) conferred by Trinity entitles EU citizens to register as a dentist on the Register of the Dental Council of Ireland and they may also register with the regulatory bodies of other countries in the EU.

Graduates wishing to practice in countries outside the EU may be required to pass specified examinations. However, there is a mutual recognition agreement between Ireland and Canada whereby Irish dental graduates may practice dentistry in Canada without the necessity to complete additional study.

Your degree and what you'll study

The curriculum is largely delivered in a problem-based learning format, which aims to provide you with the skills to continuously evaluate and update your knowledge and clinical practice throughout your professional career. PBL encourages students to engage in self-directed learning and aims to provide graduates with the skills necessary for life-long learning, which is a requirement for all health care professionals. Lectures, demonstrations, simulations, audio-visual and e-learning opportunities are also provided. From second year onwards, you will provide patient care in the clinic under the strict supervision of qualified dental staff.



Special Entry Requirements

Leaving Certificate	H3 + H4	In two of physics, chemistry, biology or physics/chemistry If you do not have a qualification in physics you must present mathematics at O5/H6 or better
Advanced GCE (A Level)	Grade B + Grade C	In two of physics, chemistry or biology If you do not have a qualification in physics you must present GCSE mathematics at grade B/6 or better
International Baccalaureate	HL Grade 5+6	In two of physics, chemistry or biology If you do not have a qualification in physics, you must present mathematics at IB SL grade 6

Combinations of subjects not permitted: Physics/Chemistry with Physics or Chemistry
All offers of admission to this course are made subject to health screening, see health screening page 226.
Students will be required to undergo Garda vetting, see page 226 for further details.

Note: All students are required to purchase a dental instrument kit during the second year of the programme.
The approximate cost of this is €3,000.

First and second years

Modules covered include: Personal and Professional Development, Human Biology I, Physical Science.

During the second semester, you will begin observing on the clinic.

Second year

Modules covered include: Basic Dental Care, Human Biology II, Oral Biology and Introduction to Pathology, Public Dental Health.

In second year, you will develop particular communication skills, learning how to interpret and explain clinical signs and symptoms of systemic and oral disease with particular reference to dental practice, and begin to practice the clinical skills necessary for the treatment of patients. Clinical training begins half way through second year with students learning the vital basic skills of history taking, examination and diagnosis and will start providing very simple treatments for patients.

Third year

Modules covered include: Clinical Medical Sciences, Fixed and Removable Prosthodontics, Comprehensive Patient Care I.

Fourth year

Modules covered include: Comprehensive Patient Care II; Advanced Restorative Dentistry I, Child Dental Health; Oral Medicine, Oral Surgery and Oral Pathology I; Public Dental Health.

Fifth year

Modules covered include: Comprehensive Patient Care III, Advanced Restorative Dentistry II, Public and Child Dental Health, Oral Medicine, Oral Surgery and Oral Pathology II, Evidence-Based Dentistry.

During years 3 to 5, you will be encouraged to undertake the management of oral health and disease in your own patients based on the best available scientific evidence. In tandem with this, you will also need an awareness of general healthcare issues for individuals and communities. In these three years, you will provide more complex patient care.

In keeping with the PBL-style curriculum, a wide variety of assessment methods are used in all years. There are end-of-term integrated written assessments, practical tests, skills tests of competence, clinical examinations, written reports and oral/verbal presentations. The written assessments include short essays, short answer and multiple choice type questions.

Study abroad

Students in fourth year may participate in English-speaking Erasmus exchange programmes with dental schools in Norway and Sweden. Between the fourth and fifth year, some students undertake voluntary placements in a wide variety of international locations. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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E info@dental.tcd.ie

WHAT OUR GRADUATES SAY Annie Margaret Hughes

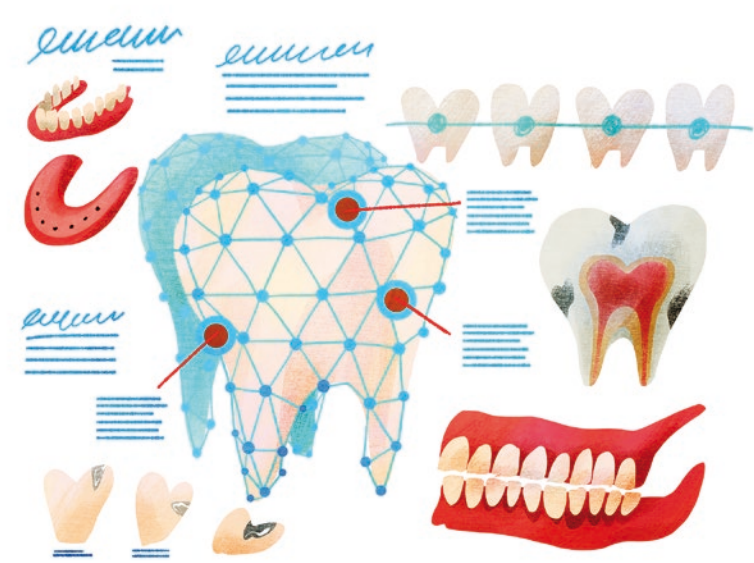
Having recently completed my undergraduate course in Dental Science, I feel I have been given an excellent foundation to face the day-to-day challenges of a career in dentistry. I really enjoyed every aspect of student life at the Dublin Dental University Hospital. With an internationally recognised learning environment and world-class facilities, it is the perfect platform to achieve the highest standards in dental education.



Dental Technology

B.Dent. Tech. Ordinary Degree (NFQ Level 7)

Course Code	CAO Points 2022	Places 2023	Duration
TR803	382	6	3 years



What is a Dental Technician?

Dental technicians work in a laboratory which is usually remote from the dental clinic. Dental technicians work to the prescription of a dentist; they perform the laboratory aspects of dentistry – fabricating crowns and bridges, dentures, implants, maxillofacial and orthodontic appliances, which are intended for use by the patient. Dental technicians have good manual dexterity skills and are required to work with different materials for the fabrication of the various appliances. Dental technology is a changing field, with more emphasis on the use of CAD (Computer Aided Design)/CAM (Computer Aided Manufacturing) in the laboratory.

Dental Technology: The course for you?

The study of dental technology will appeal to you if you are interested in science and art, combined with working in a team. If you have an interest in oral health and are simultaneously creatively minded then dental technology may be for you. A good background in basic sciences and a flair for art or good manual dexterity skills are essential to becoming an excellent dental technician. Dental technology also requires precise and scientific expression therefore, good writing skills are important.

Dental Technology at Trinity

Trinity College Dublin is the only university in Ireland offering a degree in Dental Technology. The course is based in the Dublin Dental University Hospital, on the Trinity campus, with state of the art facilities, including Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) of dental appliances in close proximity to the clinical environment. Class sizes are small, ensuring that students receive considerable staff contact and the staff are actively involved in student progress throughout the programme.



This is a restricted entry course

Applications must be submitted by 1 February 2023.

Applicants will receive a questionnaire in April to be completed and returned.

Leaving Certificate

Applicants are required to present six subjects including:

English, mathematics, and one of physics, chemistry, biology, agricultural science or physics/chemistry.

Of the six subjects presented, two must be of a standard of at least grade 4 on ordinary Leaving Certificate papers.

The remaining four subjects must be presented to a standard of at least grade 6 on ordinary Leaving Certificate papers.

Mature Students

Applications may also be considered from mature applicants who do not satisfy the academic entry requirements but can demonstrate appropriate experience relevant to the course.

All offers of admission to this course are made subject to health screening, see health screening page 226.

Note: Students are required to purchase an instrument kit which costs approximately €700, this should strictly be paid for within 1 month of starting the course.

Graduate skills and career opportunities

This course provides students with a well-rounded education in all aspects of dental technology whilst also challenging their ability to problem-solve. A Dental Technology degree provides the best foundation for the aspiring dental technician who may progress to work in a laboratory or be self-employed. Dental Technology offers the scope to work and travel abroad. The Dublin Dental University Hospital has recently introduced a postgraduate diploma in Clinical Dental Technology; one of the prerequisites to securing a place on this course is a qualification in Dental Technology.



Your degree and what you'll study

Dental Technology at Trinity is a three-year ordinary degree programme. Most of the teaching takes place in the Dublin Dental University Hospital (DDUH). The main aim of the course is to educate and train students to become part of the dental team for the planning, designing and fabrication of intra-oral appliances. Dental Technology is divided into four main areas – fixed prosthodontics, complete denture technology, removable denture technology and orthodontic technology. In the first and second years, a dental technology student will spend much of their time (6-8 x 3 hour sessions per week) in the DDUH teaching laboratory. The course is very much hands-on right from the start. Student numbers are small (six), which facilitates practical training of this nature. There is a strong emphasis on student integration with Dental Science students and some modules are integrated accordingly.

In the third year, students are assigned to the production laboratory for experience in providing a service to patients and clinicians. This offers a competitive advantage over graduates from many other universities. Liaison with the dental science students and clinical staff is encouraged and students are advised to attend in the clinic to observe their completed work in situ. There is the opportunity for students to be placed in external laboratories and there is a possibility of Erasmus exchange in this year too. Students will be busy throughout the year preparing a dissertation, which is presented at the end of the year in addition to a case portfolio of the practical work which the student has carried out over the course of the year.

First year

Modules covered include:

- › Fixed Prosthodontic Technology and Occlusion and Function
- › Complete and Removable Partial Denture Technology
- › Orthodontic Technology
- › Physics
- › Chemistry

Second year

Modules covered include:

- › Fixed Prosthodontic Technology
- › Complete Denture Technology
- › Orthodontic Technology
- › Removable Partial Denture Technology
- › Materials Science
- › Business Studies

Third year

Modules covered include:

- › Fixed Prosthodontic Technology
- › Complete Denture and Removable Partial Denture Technology
- › Orthodontic Technology
- › Dissertation

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

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www.tcd.ie/dental

 natalie.mcgettigan@dental.tcd.ie

Orthodontic Therapy

(non-CAO)

Professional Diploma, Higher Diploma (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
Non-CAO	Non-CAO	8	12 months



What is an Orthodontic Therapist?

Orthodontic therapists are registered dental healthcare professionals who carry out certain parts of orthodontic treatment. These are treatments which may only be carried out under the supervision of a dentist registered in the orthodontic division of the Register of Dental Specialists. The orthodontist examines the patient and indicates to the orthodontic therapist the course of treatment to be provided. All dental work carried out by the orthodontic therapist must be inspected and approved by the orthodontist.

Orthodontic Therapy: The course for you?

If you are a qualified dental hygienist or dental nurse, currently registered with the Dental Council and with at least two years' workplace experience in an orthodontic practice or a public health orthodontic clinic, then this could be the course for you. You should be highly motivated, with excellent manual dexterity, a willingness to learn and good communication skills. You also need the written support of a qualified orthodontist trainer.

Orthodontic Therapy at Trinity

This course is based in the Dublin Dental University Hospital beside Trinity's campus. Clinical facilities are of a very high standard. Class sizes are small, so that students receive considerable staff input into their progress throughout the programme. The course is very practical throughout, allowing students to progressively develop practical clinical skills. Graduates of the Trinity School of Dental Science and Dublin Dental University Hospital are highly sought after due to the extensive clinical exposure obtained during this programme.

Career opportunities

The Professional Diploma in Orthodontic Therapy conferred by Trinity entitles graduates to register immediately after graduation as an orthodontic therapist on the Register of the Irish Dental Council. Most orthodontic therapists work in specialist orthodontic practices or within specialist orthodontic units/departments in the public health service. The opportunity exists to teach or become involved in research. The opportunity to work abroad also exists, but may require you to sit some local examinations in the country of choice.

Your degree and what you'll study

The course covers the following modules delivered over 12 months:

Professional Development, Biomedical Sciences, Principles of Orthodontics, Orthodontic Records, Communication and Patient Motivation, Removable Orthodontic Appliances, Fixed Orthodontic Appliances.

Students are required to complete a portfolio of experience which includes;

- > a clinical logbook, two case presentations and five interim tests/assignments, and three written examinations
- > a final examination which consists of a clinical case, an oral examination, a written examination and an OSCE.

GET IN TOUCH!

www.tcd.ie/dental
Course Administrator: Natalie McGettigan
E natalie.mcgettigan@dental.tcd.ie

Check Dental School website in early January for course information and how to apply:

See: www.tcd.ie/dental

Applicants must satisfy the following prerequisites:

- > Dental Hygiene or Dental Nursing qualification
- > Current registration with the Dental Council
- > Professional indemnity insurance
- > Negative HBsAg and Hepatitis C antibody test result
- > Garda (Police) vetting
- > Current BLS certificate

Candidates must have at least two years' full-time workplace experience in a private orthodontic practice or a public health orthodontic clinic and be registered with the Dental Council.

Written support from a suitably qualified orthodontist trainer, registered with the Dental Council, is required.

The Orthodontist trainer is required to attend for interview alongside their applicant.

Trainers must attend a 'Training the Trainers' course prior to the start of the Diploma.

All offers of admission to this course are made subject to health screening, see health screening page 226.

Students will be required to undergo Garda vetting, see page 226 for further details.



Human Health and Disease

B.Sc. Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR056	589	35	4 years



Special entry requirements		
Leaving Certificate	H4	Biology
	H4	In one of physics, chemistry, physics/chemistry
Advanced GCE (A Level)	Grade C	Biology
	Grade C	In one of physics, chemistry
International Baccalaureate	HL Grade 5	Biology
	HL Grade 5	In one of physics, chemistry



What is Human Health and Disease?

The Human Health and Disease degree trains students for work in the field of biomedical research.

It brings to life the fascinating connections between structure and function in the human body and explores the health and disease continuum in detail, including teaching on how medical therapies act to treat or even prevent disease. As an example, understanding brain structure and biochemistry allows us to appreciate how neurons communicate and this in turn is helping biomedical researchers and clinicians to identify new and effective ways to treat and prevent diseases such as dementia.

A central feature of the learning experience is the development of a core set of real-life, transferable skills in the following areas: laboratory technique, group project work, data analysis, public presentation, report writing, research methodology and critical thinking.

Human Health and Disease: The course for you?

This course will suit you if you are interested in human biology and want to gain an in-depth, scientific understanding of the structure and function of the human body in health; the signs and symptoms of disease; the molecular basis of disease and cutting edge therapeutics in treating disease. Biomedical research is a fast-paced discipline and our course delivers an up-to-date appreciation of current knowledge in this field and encourages students to foster their analytical study skills and critical thinking to keep up to date with the latest developments.

Human Health and Disease at Trinity

This is a programme of multidisciplinary study and training in basic and applied biomedical science provided by the School of Medicine in partnership with the School of Biochemistry and Immunology, with collaborators from across Trinity and beyond. The majority of classes take place in the excellent teaching and laboratory facilities in Trinity Biomedical Sciences Institute and in final year, students will conduct a research project in an academic research laboratory in this institute, on main campus or in one of the affiliated teaching hospitals.

Graduate skills and career opportunities

The course emphasises the crucial links between the basic and applied biomedical sciences and addresses how advances in both are translated into improvements in patient care and the health of the wider population. The skills developed during this course make graduates ideally suited to a broad range of career opportunities. Graduates of Human Health and Disease are well-placed to pursue postgraduate M.Sc. degrees in a wide range of biomedical sciences, Ph.D. research leading to careers in biomedical research, and for graduate entry to study medicine. Career prospects also include employment in the pharmaceutical and biotechnology industry and in health promotion, education and policy.



Your degree and what you'll study

The degree is structured around three main interconnecting themes, namely:

- > Basic human biology
- > Applied biomedical science, and
- > Transferable skills and Trinity graduate attributes.

First and second years

You will study the structure and function of the human body from a 'molecule to man' perspective through lectures, tutorials and laboratory classes in cell biology, biochemistry, physiology and anatomy (including dissection). Modules based on critical thinking, problem-based learning, presentation skills and research and statistics will further contribute to the development of a core skill set, as outlined above.

Third and fourth years


In the third and fourth years, a combination of modules which cover the nature, classification, diagnosis, prevention and treatment of disease are taken. Disease is considered from the basic molecular level through to its context in society in terms of research and public health priorities and correlates. Delivery of clinically-focused material by specialist clinicians is included.

As a fourth-year student, you will undertake advanced modules on the molecular basis of disease and cutting-edge advances in biomedical science. A major component of the fourth year will be a comprehensive laboratory-based project in biomedical research supervised by leading researchers in Trinity and its affiliated teaching hospitals in Dublin. It may be possible for students to apply for selection via a competitive process to undertake this project at an Erasmus partner institute. Project topics are varied and include, to name but a few, cancer biology, neuroscience, tissue engineering, gastrointestinal disorders, autoimmune disease, epidemiology and public health research.

Individual and group-based continuous assessment of laboratory work, group project work and scientific writing skills accompanies semesterised examinations.

GET IN TOUCH!

www.tcd.ie/medicine/physiology/undergraduate/hhd

 medadmin@tcd.ie



WHAT OUR GRADUATES SAY Hannah Prendeville

I chose to study Human Health and Disease because of its interdisciplinary nature, to gain an understanding of a broad range of scientific themes and to inspire and direct me to where I am today. Looking back, I can appreciate how this course has helped me further my career, but would also look impressive to employers in a variety of sectors. For me, the research project provided invaluable laboratory experience but also taught me transferable skills in presentations, statistical analysis and project management which gives its graduates that advantage to succeed in many professions.

The Human Health and Disease B.Sc. ignited my excitement for scientific research, and as a current Ph.D. research student, I can confidently say that it appropriately equipped me to succeed in a research career.

Human Nutrition and Dietetics

B.Sc. (Hum. Nut. And Diet.) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TU870	578	25	4 years



This programme is jointly delivered by Trinity College Dublin and TU Dublin.

What is Human Nutrition and Dietetics?

Students are registered in both institutions and have access to all services across the two institutions. The course provides an integrated education on the science of nutrition and practice of dietetics and their application to human health and well-being.

On successful completion, the B.Sc. honours degree in Human Nutrition and Dietetics is awarded jointly by Trinity and TU Dublin. This programme is approved by CORU, the regulator for the health and social care professions in Ireland. All graduates are eligible to proceed to the register with the Dietitians Registration Board of CORU.

Nutrition is a branch of science devoted to the study of nutrients. It spans multiple areas, to include biochemistry, cell biology, dietetics, medicine, and public health. Dietetics is the application of our knowledge of food and nutrition to promote health, prevent disease and contribute to the management of disease.

This course is the only undergraduate programme leading to a qualification in dietetics in the Republic of Ireland.

The degree is recognised by the Irish Nutrition and Dietetic Institute (INDI), the British Dietetic Association (BDA) and The Nutrition Society.

Human Nutrition and Dietetics: The course for you?

It is important that students on this programme have a strong interest in science subjects and the relationship between food and health. Students should also be willing to work in a hospital environment and have good interpersonal skills.

Graduate skills and career opportunities

When you graduate, you will be well placed to find work as a dietitian in a hospital or in primary care. You will also be qualified to work in a food company or in clinical nutrition product sales and marketing. Some of our graduates have also chosen academic careers in research or education.

Your degree and what you'll study

The modules in this course enable the acquisition of scientific knowledge relevant to human nutrition and dietetics, the development of analytical and critical thinking, and the integration of theory into practice. This programme also develops the ability of students to work and communicate with others in an ethical and adaptable manner, and to foster their skills in research and development.

First and second years

During the first and second years you will develop a broad understanding of the relevant pre-clinical subjects. You will study: clinical chemistry, physiology, biochemistry, microbiology/immunology, food studies, nutrition science, epidemiology, nutrition through the life cycle, communications, behavioural science, research methodology and statistics, and professional practice studies.

Third and fourth years

In the third and fourth years, foundation subjects are strengthened (research methods), specialist subjects are introduced (management, medicine and therapeutics, medical science) and the degree subjects studied to an advanced level (nutrition, dietetics). You will undertake a three-month research project in fourth year, with the option to carry this out in a partner European or American university.

To become a registered dietitian, undergraduate students must successfully complete three clinical placements. Students go on placement in first, second, and fourth year of the programme, and placements range in duration from four weeks to 14 weeks. All placements take place in hospitals and primary care centres across the country, and relocation on the part of the student may be required to complete placement.

End-of-year written examinations, together with continuous assessment of course work, practical work and assignments make up the assessment process. Oral examinations are conducted in some subjects. Continuous assessments are carried out during clinical placements. You will also write a thesis to report the results of your final-year research project, and present and defend this in an oral presentation.

GET IN TOUCH!

www.tcd.ie/medicine/nutrition-dietetics
E dietetics@tcd.ie

Special Entry Requirements

This is a joint course between Trinity and the Technological University Dublin (TU Dublin).

For full details of admission requirements, contact the TU Dublin.

E biolsciences@tudublin.ie
T +353 1 402 4562

Students are required to undergo Garda vetting and relevant health screening processes before clinical placements can proceed.

Find out more at: www.tudublin.ie/study/undergraduate/courses/human-nutrition-and-dietetics-tu870

Application Procedure

Further details are available from:

The Admissions Office in TU Dublin:

www.tudublin.ie/study/contact-admissions

E admissions@tudublin.ie
T +353 1 402 3445

Applications from international non-EU students should be directed to:

The International Student Office, Technological University Dublin

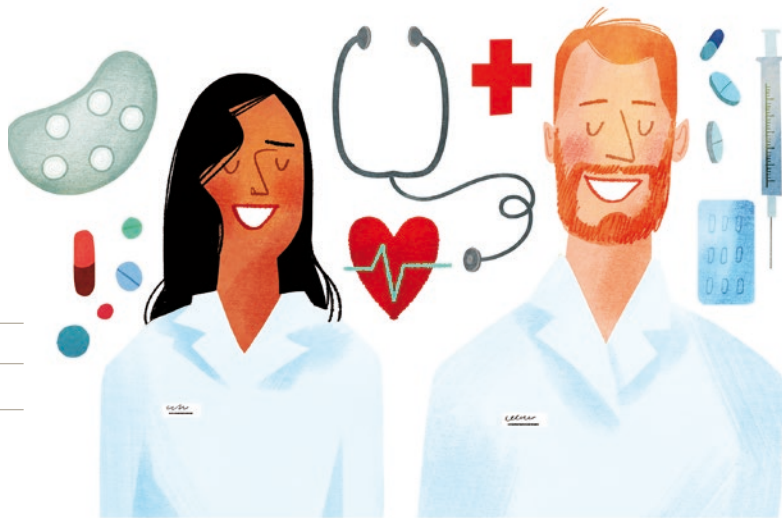
www.tudublin.ie/study/international-students



Medicine

**M.B. (Bachelor in Medicine),
B.Ch. (Bachelor in Surgery),
B.A.O. (Bachelor in Obstetrics).**
Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR051	741	136	5 years



What is Medicine?

Medicine is a unique course in that students study a broad range of subjects with the overarching objective of understanding the science and practice of healing. In today's world, medicine and the practice of healthcare are constantly evolving as new knowledge and therapies emerge to maintain and restore health through the prevention and treatment of illness. Each day brings a new patient with new challenges.

Medicine: The course for you?

The medical programme at Trinity is a challenging but highly rewarding experience. A student wishing to study medicine requires an enquiring mind, the capacity to acquire and maintain high levels of knowledge, the ability to develop effective communication skills in order to respond to the health needs of individuals, families and communities and an interest in improving healthcare at all levels.

Medicine at Trinity

Founded in 1711, the School of Medicine at Trinity has played a central role in the golden age of Irish medicine.

Students of medicine at Trinity will follow a five-year programme. Following graduation you are required to spend one year as an Intern in an approved post before becoming a fully registered medical practitioner.

Graduate skills and career opportunities

As a doctor, you will have plenty of options to choose from when it comes to making a decision about your career. In Ireland, many graduates wait until their year as an intern is complete before committing to one area over another. Some then enter general practice, while many more continue their training as a general physician or surgeon, or in a related specialist field. Alternatively, you might, as others have done, prefer to work in an area such as hospital management, or make research your priority by opting for a career in academic medicine.

Your degree and what you'll study

First, second and third years

Students study the biomedical sciences to create an understanding of the knowledge underlying medicine and begin clinical science in the first term through the Family Case Study. Teaching is a combination of problem-based learning in the first year, small group teaching (12-14 students), lectures and practical demonstrations.

Self-directed learning and use of e-learning are encouraged throughout the course. The majority of the teaching in first and second year takes place at the School of Medicine, Trinity Biomedical Sciences Institute at the main University campus, with the remainder in the hospital setting. Third year combines the taught course programme and an extensive clinical placements programme in order to advance and integrate clinical skills.

Medical moderatorship and intercalated M.Sc. in biomedical sciences

On successful completion of the third year, you may be permitted to take a year out from the medical course to undertake a moderatorship in science in an approved subject. This is subject to the availability of places and the agreement of the head of department concerned. An intercalated M.Sc. in Biomedical Sciences is also available to medical students who successfully gain a First or 2:1 in year 3 modules. The M.Sc. is a one-year full-time programme.

WHAT OUR CURRENT STUDENTS SAY

Robert Mooring

Trinity's School of Medicine provides an immediate exposure to facilities and opportunities, central to one's path to their medical degree. I found my first year to be one of good community, in a state of the art medical institution, mixed in with a welcome into the rich history of Ireland's oldest University. The staff are keen to share their expertise and their eagerness to help in any capacity was a welcome surprise.



Applicants must also register for the HPAT-Ireland admission test by 20 January 2022 (via: www.hpat-ireland.acer.edu.au). Students must achieve all grades required for minimum entry requirements and course requirements in **one sitting** of their Leaving Certificate/Matriculation/Advanced GCE (A Level) examinations. See note 3B (page 229) for further details.

Special Entry Requirements

Leaving Certificate	H3 + H4	In two of physics, chemistry, biology, physics/chemistry or agricultural science
		If you do not have a qualification in physics you must present mathematics at O4/H6 or better
Advanced GCE (A Level)	Grade B + Grade C	In two of physics, chemistry or biology
		If you do not have a qualification in physics you must present GCSE mathematics at grade B/6 or better
International Baccalaureate	HL Grade 5 + 6	In two of physics, chemistry or biology
		If you do not have a qualification in physics you must present mathematics at IB SL grade 5

Combinations of subjects not permitted: Physics/chemistry with physics or chemistry. Agricultural science with biology
See page 226 for vaccination requirements with regard to Hepatitis B, Hepatitis C and Tuberculosis.

Students will be required to undergo Garda vetting, see page 226 for further details.

Note: Students will need to purchase a stethoscope (€60+), while students on placements outside Dublin will have additional travel and accommodation costs.

Fourth and fifth years

During these two years the student becomes an integrated member of each team to which he/she is attached and is expected to participate fully in all aspects of that team's activities. This expectation will inevitably involve some early morning and late evening work. The majority of hospital attachments take place in St. James's Hospital and Tallaght Hospital, Dublin; however, some training also takes place in regional hospitals around Ireland, in hospitals dedicated to particular areas of medicine and in general practices associated with the School.

Teaching hospitals

Trinity's two main general teaching hospitals, St. James's Hospital and Tallaght Hospital, are up-to-date tertiary level hospitals. They have several specialist units. Specialist affiliated hospitals include:

Coombe Women and Infants University Hospital, Hermitage Medical Clinic, Naas General Hospital, National Rehabilitation Hospital, Noble's Hospital, Our Lady's Children's Hospital (Crumlin), Our Lady's Hospice and Care Services (Harold's Cross and Blackrock), Peamount Hospital, Royal Victoria Eye and Ear Hospital and St. Patrick's University Hospital.

The assessment structure is wide and varied and includes in-course assessment of practical and clinical skills, as well as case studies, research projects, formal written and oral examinations and objective structured clinical examinations. Formative assessment and reflective practice are also used to promote the personal development of the student and inform teaching and learning.




Study abroad

The School of Medicine has a strong international network and students have the opportunity to gain experience overseas as part of the electives programme. Students are required to complete clinical electives totalling 12 weeks by the final medical year and these can be undertaken in a hospital, clinic or research laboratory of the student's choice at home or abroad. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

Intern year

On completion of the medical degree course a doctor must successfully complete training for one year as a resident medical officer/ intern in a recognised post before being eligible for full registration with the Irish Medical Council. A national application and matching process is in place for Intern posts in Ireland. This is currently managed by the HSE. Graduates undertaking internship/ residency outside of the Republic of Ireland will be required to register and meet the eligibility criteria of the relevant governing body in that jurisdiction.

GET IN TOUCH!

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 medadmin@tcd.ie

Midwifery

B.Sc. (A.Obs.) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR913	477	44	4 years



What is a Midwife and Midwifery?

The term ‘midwife’ means ‘with woman’. As a midwife, you will be helping women and their families at one of the most crucial times of their lives, supporting the woman during pregnancy, childbirth and the post-natal period. Midwives play a vital role in promoting and maintaining health, facilitating normal childbirth and helping women make informed choices about their care. The midwife is the key professional providing continuity of care and promoting choice and control to women in pregnancy and birth, and to women and their babies following birth. The core concepts of the midwifery profession are of:

- Normality: Childbirth is viewed as a normal event in the life cycle, a normal healthy event.
- Woman-centred: The focus of midwifery practice is pregnant women and their families and delivering care in woman-centred maternity services.

- Respect: midwifery care is delivered in a manner that respects the uniqueness and dignity of each person regardless of culture or religion.
- Partnership: partnerships between the woman and the midwife is fundamental to midwifery practice. It is based on mutual trust, support and collaboration, which facilitates informed choice and decision-making and the empowerment of both the woman and the midwife.
- Client first: decisions about an individual midwife’s scope of practice should always be made with the woman’s and her family’s best interests foremost and in the interest of promoting and maintaining best quality maternity services for women and their families.
- Evidence based: midwifery practice is based on the best available evidence.
- Advocacy: midwifery practice involves advocacy for the individual woman and her family.

Midwifery: The course for you?

Midwives often describe their job as ‘privileged’. The role they have in preparing women for the birth of new life makes them a vital presence during all stages of pregnancy, labour and the early postnatal period.

If you want a rewarding and respected career with great employment and travel opportunities, then the professional course in midwifery could be for you.

Midwifery at Trinity

The School of Nursing and Midwifery at Trinity has a world-renowned reputation and courses are taught by academics at the top of their profession. The School is ranked second in Republic of Ireland and in the top 50 universities in the World in the QS World University Subject rankings 2023. You will have the opportunity to meet and mix with students from Ireland and abroad and form cohesive bonds throughout your time with us.

We also offer opportunities to study abroad and have a large suite of postgraduate courses available to our graduates to facilitate further study needs.

Graduate skills and career opportunities

On completion of this course, the student will be eligible to apply for registration as a midwife on the midwives division of the Nurses and Midwives Register with the Nursing and Midwifery Board of Ireland. The course offers an excellent foundation for career advancement in midwifery and further health related studies. It facilitates learning across wide and varied experiences and promotes flexibility for employment within and outside the health services.

There are QQI/FET routes available for this course. Please see www.cao.ie for details.

Special Entry Requirements

Leaving Certificate	O6/H6	Mathematics
	O6/H6	In one of biology, physics, chemistry, physics/chemistry or agricultural science
GCSE	Grade C/5	Mathematics
	Grade C/5	In one of biology, physics or chemistry
International Baccalaureate	SL Grade 4	Mathematics
	SL Grade 4	In one of physics, chemistry or biology

Students will have to undergo a health screening, see page 226.

Students will be required to undergo Garda vetting, see page 226 for further details.

This programme is not open to non-EU applicants.

Mature Students

Applications must be received by the CAO by 1 February of the proposed year of entry.

You are not required to submit a mature-student supplementary application form to Trinity.



Your degree and what you’ll study

This four-year course will cover such areas as:

Midwifery practice – knowledge and skills; communication and interpersonal skills; professional, personal, ethical and legal issues; Knowledge base for midwifery practice to include: biological sciences, psychology, pharmacology, non-pharmaceutical approaches; social theory for midwifery practice; research; health promotion; maternal and social care services in Ireland.

You will begin your first midwifery clinical placement in October of the first year of the course. The first three years combine learning in university and clinical midwifery practice in the maternity hospitals and will take place during the academic year with the usual academic holidays. The final year will include a 36-week period of internship in midwifery practice.

The majority of the theoretical component of the course will be taught in the Trinity School of Nursing and Midwifery building, which is located on D’Olier Street, minutes from the main campus. Classes are also held on other sites including the main Trinity campus and in the Trinity Centre for Health Sciences in St. James’s Hospital. Teaching methods include lectures, small-group teaching, tutorials and practice classes.

The course is offered in partnership with two linked maternity care providers: The Coombe Women and Infants University Hospital and The Rotunda Hospital. Each midwifery student will be allocated all of their midwifery clinical placements throughout the four years at one of these maternity hospitals. Some placements may also occur in other sites including the Midlands Regional Hospital, Portlaoise.

You will be required to complete clinical placements each year, which will consist of 30-35 hours (approximately) supernumerary practice per week in a practice setting. Midwifery students will also undertake other clinical placements, for example, community midwifery, mental health, medical and surgical. The final year will include a 36-week period of internship in clinical midwifery practice.

Assessment of learning in midwifery practice is an important component of the course and will take place throughout the course.

Study abroad

The Erasmus programme enables students to study at another European university as part of their university degree. This is an exciting opportunity for students to experience a core clinical placement in another European Union healthcare system for a maximum period of eight weeks duration. Erasmus exchange takes place in semester two of second year and semester one of third year.


Current Erasmus partners include (dependent upon profession or nursing discipline): Turku University of Applied Sciences, Finland; University of Malta; LUND University, Sweden; University College of Northern (UCN) Denmark Aalborg, Denmark; Hanze University of Applied Sciences, Groningen, Netherlands; Maastricht University Netherlands. From January 2024, General Nursing students can apply for four weeks of fully funded clinical exchange in Sydney, Australia in their second year of the programme.


Students can apply for summer international opportunities such as volunteering in Africa. We currently offer a Scholarship for a short summer programme in the United States and Hong Kong.

Collaborative online international learning opportunities are also provided for our high achieving nursing and midwifery students.

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www.nursing-midwifery.tcd.ie

 nursing.midwifery@tcd.ie

 www.facebook.com/tcd.nursing.midwifery

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Nursing

B.Sc. (Cur.) Honours Bachelor Degree (NFQ Level 8)

**General Nursing, Mental Health Nursing,
Intellectual Disability Nursing,
Children’s and General Nursing (Integrated)**

Course Code	CAO Points 2022	Places 2023	Duration
TR091 General Nursing	429	104	4 years
TR093‡ General Nursing (Adelaide)	409	38	4 years
TR095 Mental Health Nursing	392	59	4 years
TR097 Intellectual Disability Nursing	398	32	4 years
TR911 Children’s and General Nursing (Integrated)	532	26	4.5 years



What is a Nurse?

The role of the nurse is to provide evidence-based, culturally-sensitive care in order to assist the individual to lead an independent healthy lifestyle, overcome ill health or experience a peaceful death. The nurse achieves this through working as part of a professional multidisciplinary team to provide primary healthcare, acute hospital care, community and home and continuing care, based on individual and population health needs across the lifespan.

Students of nursing learn about caring and the complexities of health and illness through interactive teaching and learning strategies in the classroom and the healthcare environment. Practice (clinical and community) experience provides the student with opportunities to integrate the art and science of nursing and promotes the development of caring relationships with patients and their families/significant others.

The four-year nursing courses (Children’s and General integrated is 4.5 years) are offered in partnership with six health service providers. Trinity’s six linked health service providers for this course are:

General nursing

- Tallaght University Hospital
- St. James’s Hospital

Mental health nursing

- HSE South & West Dublin, Kildare, Wicklow, Mental Health Services
- St. Patrick’s Mental Health Services

Intellectual disability nursing

- Stewart’s Care, Palmerstown
- Muiriosa Foundation, Moore Abbey

Children’s and general nursing

- Children’s Health Ireland (CHI)

Nursing: The course for you?

Do you love working with and for the benefit of people of all ages and from diverse backgrounds?

If you want a rewarding and respected career with great employment and travel opportunities, then the professional course in nursing could be for you.

A genuine interest in people and a desire to care for others are core requirements for any individual who wishes to become a nurse. In addition you will need to have a keen interest in healthcare and be capable of working as part of a team. Like all professional courses in health sciences, nursing places extra demands on students’ time. It can be demanding, both physically and emotionally and so you should ensure that you are in a position to fully engage with the course during your time in Trinity.

Nursing at Trinity

The School of Nursing and Midwifery at Trinity has a world-renowned reputation and courses are taught by academics at the top of their discipline and profession. The School is ranked in the top 50 universities (QS World University Subject Rankings 2023). With more than 1,000 undergraduate nursing students in Trinity, you will become part of a vibrant student community – the School of Nursing and Midwifery, Trinity College Dublin, is the largest School of Nursing and Midwifery in the country.

Nursing students are taught theory predominantly in the School of Nursing and Midwifery building on D’Olier Street, which is a wonderful historic building in the heart of the capital, and also on the St. James’s Hospital campus. The School is a great place to learn and interact with classmates and staff, and with its close proximity to Trinity’s main campus, nursing students are never far from the centre of student life.

Graduate skills and career opportunities

Graduates from the Trinity School of Nursing and Midwifery will be competent, innovative and caring professionals who are capable of leading change, shaping policy and responding to an ever evolving healthcare environment. The university-wide set of Graduate Attributes shape and support the kind of education we offer; to act responsibly, think independently, communicate effectively and to develop continuously.

You will be qualified to continue your education and further specialise should you wish to do so. The Trinity School of Nursing and Midwifery offers a wide range of postgraduate courses for furthering your studies.

There are QQI/FET routes available for TR091, TR093, TR095 and TR097. Please see www.cao.ie for details.

Special Entry Requirements

Leaving Certificate	O6/H6	Mathematics
	O6/H6	In one of biology, physics, chemistry, physics/chemistry or agricultural science
GCSE	Grade C/5	Mathematics
	Grade C/5	In one of biology, physics or chemistry
International Baccalaureate	SL Grade 4	Mathematics
	SL Grade 4	In one of physics, chemistry or biology

Students will have to undergo a health screening, see page 226.

‡ See note 13, page 230.

Students will be required to undergo Garda vetting, see page 226 for further details.

Mature Students

Applications must be received by the CAO by 1 February of the proposed year of entry.

You are not required to submit a mature-student supplementary application form to Trinity. However, you will be invited to attend a written assessment by the Nursing Careers Centre.

Your degree and what you’ll study

This course will provide you with the knowledge, skills, attitudes and professional values necessary to provide high-quality, competent and caring practice in your chosen discipline of nursing. There are two components to the nursing degree course; a theoretical component and a practice (clinical/community) component.

Theoretical component

The theoretical component will be taught in the Trinity School of Nursing and Midwifery building, the main Trinity campus and in the Trinity Centre for Health Sciences in St. James’s Hospital. Teaching methods include lectures, tutorials, practical classes, clinical skills laboratories, group teaching, web-based learning and reflective workshops.

Practice (clinical/community) component

For the practice component you will be linked with one of the health service providers and also have clinical/community placements in a variety of settings. During the fourth year of the course you will undertake a 36 week roster of continuous placement. This placement spans the fourth and fifth years of the integrated children’s and general nursing integrated course.



General nursing

As key members of the interdisciplinary healthcare team and in partnership with patients, general nurses provide for the physical, psychological, social, cultural and spiritual well-being of persons with acute or chronic physical illness.

The general nurse achieves this through working as part of a professional multidisciplinary team to provide primary health care, acute hospital care, home and continuing care, based on individual and population health needs across the lifespan.

- Medical nursing – general and specialist
- Surgical nursing – general and specialist
- Emergency department
- Children’s nursing
- Mental health nursing
- Care of the older person nursing
- Primary healthcare and community nursing
- Operating theatre
- Maternity care
- Management and leadership

Students who successfully complete this course will be eligible to apply to register with the Nursing and Midwifery Board of Ireland as a Registered General Nurse (R.G.N.)





Mental health nursing

Mental health nursing is a highly rewarding specialist nursing discipline. As a mental health nurse you will work with people who experience mental health difficulties in a variety of contexts. Mental health nurses work in partnership with the person and their family/advocate to enable them to mobilise themselves as well as professional resources, in a way that promotes personal growth, maximum development of potential and recovery.

- Mental Health nursing (inpatient mental health services)
- Mental Health nursing in the Community
- Specialist Mental Health nursing
- Mental health in older life
- Adult General nursing
- Management and leadership

Students who successfully complete this course will be eligible to apply to register with the Nursing and Midwifery Board of Ireland as a Registered Psychiatric Nurse (R.P.N.)

Intellectual disability nursing

The intellectual disability nurse is a professional who works autonomously and collaboratively to provide person-centred care and support to persons of all ages, with a variety of abilities and capabilities. The intellectual disability nurse employs skilled interpersonal approaches and therapeutic interventions to provide this care across various states of health and well-being and promoting wellness. The values and skills inherent in the nursing programme enables the intellectual disability nurse to support and empower people with and intellectual disability across their lifespan, building relationships with the person and their families grounded in human rights, inclusion, advocacy and support to live as independent a life as possible.

Students who successfully complete the theoretical and practice component of the course will be eligible to apply to register with the Nursing and Midwifery Board of Ireland as a Registered Intellectual Disability Nurse (R.N.I.D.)

Children's and general nursing

A Registered Children's Nurse (R.C.N.) is responsible for promoting optimum health and for preventing ill health amongst children up to the age of 18, intervening where appropriate to provide holistic care for children and families.

In conjunction with the general nursing components of the course, students undertaking the children's and general nursing (integrated) course will also study the following:

- Medical nursing of infants, children and adolescents within a family-centred framework (general and specialist placements)
- Surgical nursing of infants, children and adolescents within a family-centred framework (general and specialist placements)
- Emergency care of infants, children and adolescents within a family-centred framework
- Peri-operative care of infants, children and adolescents, within a family-centred framework
- Mental Health issues for children and adolescents and their families
- Community nursing within a family-centred framework
- Maternity and Neonatal Care within a family-centred framework

Students who successfully complete this course will be eligible to apply to register with the Nursing and Midwifery Board of Ireland as a Registered Children's Nurse (R.C.N.) and Registered General Nurse (R.G.N.)



Which health service provider will you train with?

When you accept an offer for one of the nursing courses you will receive orientation information from Trinity. This information contains a form asking you to indicate which health service provider you would prefer to be linked with. Requests are dealt with on a first-come, first-served basis. Where possible you will be assigned your first choice. If the number of applicants exceeds the number of places available, you will be assigned your second choice. A reserve list is held and if a vacancy arises it may be possible to transfer to your first choice. Most students are allocated their first choice of health service provider.

A combination of examinations, essays, clinical projects, clinical skills, laboratory techniques, literature reviews, reflective practice and clinical assessments are used.

Optional international placements/opportunities during training

The Erasmus programme enables students to study at another European university as part of their university degree. This is an exciting opportunity for students to experience a core clinical placement in another European Union healthcare system for a maximum period of eight weeks duration. Erasmus exchange takes place in semester two of second year and semester one of third year.

Current Erasmus partners include (dependent upon profession or nursing discipline): Turku University of Applied Sciences, Finland; University of Malta; LUND University, Sweden; University College of Northern (UCN) Denmark, Aalborg, Denmark; Hanze University of Applied Sciences, Groningen, Netherlands; Maastricht University, Netherlands.

Students can apply for summer international opportunities such as volunteering in Africa. We currently offer a Scholarship for a short summer programme in the United States and Hong Kong.

Collaborative online international learning opportunities are also provided for our high achieving nursing and midwifery students.



WHAT OUR GRADUATES SAY

Sarah-Jane Boyle


I thoroughly enjoyed my experience as an Intellectual Disability Student Nurse in Trinity. I have had the privilege of meeting, and working closely with such inspiring people both at Trinity and through my practice placements. Trinity created a truly memorable and enjoyable experience, and has instilled desire for life-long learning. I am extremely grateful to be able to do what I am most passionate about every day – making a real difference in the lives of people with intellectual disabilities. As a recent graduate, I would highly recommend Trinity for those interested in following a rewarding career as an Intellectual Disability Nurse.

Other courses you might enjoy


TR913: Midwifery, page 202

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Occupational Therapy

B.Sc. (Cur. Occ.) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR054	554	40	4 years



Special Entry Requirements

Leaving Certificate	H4	In one of physics, chemistry, biology, physics/chemistry or agricultural science
Advanced GCE (A Level)	Grade C	In one of physics, chemistry or biology
International Baccalaureate	HL Grade 5	In one of physics, chemistry or biology

Students will have to undergo a health screening, see page 226.

Students will be required to undergo Garda vetting, see page 226 for further details.

Note: There is an additional cost for a uniform for practice education of approximately €120. Practice Education placements are a mandatory component of the programme, some of these placements may be located outside of the greater Dublin area which may incur additional travel and accommodation costs that need to be borne by the student.



What is Occupational Therapy?

The main goal of occupational therapy is to enable people to participate in meaningful activities of everyday living, such as self-care, work and leisure activities. By enabling people to engage in activities that hold meaning for them, occupational therapists aim to enable people to improve their day-to-day quality of life.

Occupational therapists work in a variety of settings, including community, hospitals, rehabilitation units, schools, universities and reform centres. Examples of what occupational therapists do include:

- Adapting the home of an elderly person to make it easier and safer for them to use.
- Working with people with depression and schizophrenia using activities such as cooking a meal to foster a sense of achievement, develop personal skills and facilitate successful experiences.
- Using play activities to improve the play and movement skills of children with cerebral palsy.
- Running life-skills programmes that enable people with intellectual disabilities to develop skills such as budgeting so that they can live more independently in the community.
- Enabling people to select and effectively use equipment and appliances, including wheelchairs, dressing aids, computers and other assistive technology, to increase their independence.
- Assessing the ability of someone with acquired brain injury to return to work and then modify that person's work (the job itself and the workplace) to enable this, where possible, to happen.

Occupational therapy interventions consider:

- The individual person – improving or maintaining their level of physical, cognitive (thinking), affective (emotional) and social ability.
- The occupation – examining the self-care, leisure and work-related activities that people value in their daily lives and making changes to these activities so that they better meet the individual's abilities.
- The environment – manipulating or adapting the physical environment so that it does not impede but, if possible, enhances performance; and influencing the social, cultural and institutional environment in ways that enable people to live as independent a life as possible and reach their full potential.

Occupational Therapy: The course for you?

This is the right course for you if you are a creative thinker who is open to finding solutions to a multitude of problems and if working with people with diverse abilities is something you enjoy and find stimulating. The course requires a high level of independent self-directed learning across a variety of academic modules as well as the completion of the mandatory practice education placements. Visiting an occupational therapy department will give you more understanding of what is involved in this profession.

Occupational Therapy at Trinity

The course is the longest established university-based occupational therapy course in Ireland.



It uses many innovative teaching methodologies, including peer education, problem-based learning, online learning, as well as more traditional methods. Students and staff collaborate on projects that involve both research and service delivery, in existing and new areas of practice.

Occupational Therapy is based in the Trinity Centre for Health Sciences in a purpose-built complex in the grounds of St. James's Hospital. The Trinity Centre for Health Sciences is located approximately 3 kilometres from the main campus, beside the Luas line running between Tallaght and the city centre. There are state-of-the-art teaching facilities at the Discipline of Occupational Therapy. The Trinity Centre houses other health sciences disciplines including Medicine, Physiotherapy, Radiation Therapy, and Nursing. This gives a multidisciplinary dimension to studying and working with other health professionals. A small number of modules on the course may take place on the main campus and offer opportunity for interaction with students from other undergraduate courses. Additionally, there will be an opportunity for students to engage in inter-professional learning with other health science students during the four year undergraduate programme.

Graduate skills and career opportunities

As a qualified occupational therapist from Trinity, you will be well equipped to pursue a very rewarding career working with people of all age groups in a wide range of service settings. The course is regulated by CORU, the Health and Social Care Professionals Council, and upon successful completion of the programme you will be eligible to apply for registration to practice as an Occupational Therapist in Ireland. In addition, the course has professional validation from the Association of Occupational Therapists of Ireland (AOTI) on behalf of the World Federation of Occupational Therapists,

meaning the qualification has international recognition that may enable you to work as an occupational therapist abroad. Many graduates from the programme are working in all parts of the world. Most occupational therapists, over time, develop specialised expertise in areas such as physical rehabilitation, mental health, hand therapy, intellectual disability, paediatrics, services for the elderly and community occupational therapy.

Practice areas and the focus of practice are expanding, particularly in primary care and community practice areas, as well as some opportunities in private practice. The focus of practice is also evolving to include nontraditional client groups such as homeless, refugee and school-based services, and working with 'well' populations using health promotion and self-management based approaches to facilitate living well and prevention of occupational dysfunction. There are also opportunities for occupational therapists to move into management – managing occupational therapy departments or other health/social care related services. Additionally, the course offers many opportunities for further postgraduate study and research.

Your degree and what you'll study

This four-year degree course incorporates a practical, occupation-based approach to solving problems and fosters a research-oriented and reflective attitude. It embraces evidence-informed practice.

First and second years

The subjects studied in the first and second years include the study of occupation, occupational therapy theories and interventions with people from children to older adults, anatomy, psychology, disability studies, research methods and statistics. You will be required to be an active participant in your learning and to engage in both theoretical learning as well as practical based learning as required for modules covering


professional behaviour and technical skills of the profession, for example professional communication, assistive technology and splinting. You will be required to engage in service learning through voluntary work and will use experiential learning and group work to develop knowledge and skills fundamental to the development of professional behaviour and practice. During the first two years, there are a total of 10 weeks in supervised practice education placement in a variety of health and community care facilities around the country. Assessment includes written examinations, essays, project work, presentations, and competency-based assessment while on supervised practice education.

Third and fourth years

During third and fourth year you will further develop your knowledge of the theories, principles and practice of occupational therapy; gain an understanding of health/social care systems and policies and of the importance of practising in an develop research skills and an appreciation of the importance of practising in an evidenced-informed manner. In fourth year you will complete an occupation-centred project and modules incorporating leadership and critical reasoning. You will have opportunities to develop important self-directed learning and research skills, which are key areas for practice and continuing life-long learning. Over the course of the final two years, you will spend a total of 22 weeks in supervised practice education. Assessment includes written examinations, essays, project work, presentations, a research project, and competency-based assessment while on supervised practice education.

GET IN TOUCH!

www.tcd.ie/medicine/occupational-therapy

 occupthe@tcd.ie

Pharmacy

B.Sc. (Pharm.) Honours Bachelor Degree and M. (Pharm.) Masters Degree (NFQ Level 9)

Optional B.Sc. (Pharm.) Honours Bachelor Degree only (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR072	613	76	5 years (or 4 for B.Sc. only)



What is Pharmacy?

Pharmacy is the study of all aspects of drugs, both natural and synthetic in origin, including their chemistry, their uses in medicines, and how they work within the body. Pharmacists work in a variety of settings – community pharmacies, hospitals, long-term care facilities, and within the pharmaceutical industry, to name just a few. In many respects, their role as a key healthcare professional is to help people achieve the best results from their medications.

Pharmacy: The course for you?

While this degree is an essential requirement if you wish to practise as a community or hospital pharmacist, Pharmacy at Trinity opens up a wide variety of professional opportunities in both industry and the wider healthcare sector. A strong interest in science is important to fully enjoy the course.

Pharmacy at Trinity

Trinity is ranked in the top 30 universities in the world for Pharmacy and Pharmacology (QS World University Rankings by Subject 2023). The School of Pharmacy and Pharmaceutical Sciences has world class facilities with research space in the Trinity Biomedical Sciences Institute (TBSI), which develops Trinity's leadership position in immunology, neuroscience and cancer. The School also has purpose-built teaching spaces in the Panoz Institute, including the Boots Unit, a technology-enhanced learning space which allows students to dispense drugs and develop communication skills.

Structured professional placements are integrated throughout the new programme and these take place in second, fourth and fifth year. A particular strength of the Trinity programme is the undergraduate research project, which may take place abroad and gives students the opportunity to develop focused laboratory or field research with one-to-one supervision.

WHAT OUR CURRENT STUDENTS SAY

Mark Lyons

If you have an interest in science, a desire to learn more about how medicines and diseases work and want to be part of one of the most rapidly expanding industries in the country then this is the course for you.

Graduate skills and career opportunities

As an expert in the discovery, development and optimal use of medicines, many career paths are open to pharmacists. Your career prospects as a Pharmacy graduate are excellent. Employment opportunities exist in community, hospital and industrial pharmacy, as well as in state services such as medicines licensing. In addition, you can opt to undertake research, or apply for entry to one of the postgraduate courses in hospital, industrial or community pharmacy.

Your degree and what you'll study

The Pharmacy syllabus has been designed to provide you with an all-round education in both the basic and pharmaceutical sciences and in the practice of pharmacy itself. The five-year integrated Pharmacy programme comprises a variety of approaches to teaching Pharmacy including: lectures, seminars, tutorials, workshops, small-group teaching, problem-based learning, site-visits, computer-assisted learning, web discussion boards, wikis, online group assignments, communication skills, career planning, clinical case studies, inter-professional learning, laboratory and dispensing practicals, and a research project.

Special Entry Requirements

Leaving Certificate	O4 or H6	Mathematics
	H4	Chemistry or physics/chemistry
	H4	In one of physics, biology, mathematics, applied mathematics, geography, geology, agricultural science or computer science
GCSE	Grade B/6	Mathematics
Advanced GCE (A Level)	Grade C	Chemistry
	Grade C	In one of physics, biology, mathematics, geology, geography, computer science or further mathematics
International Baccalaureate	SL Grade 5	Mathematics
	HL Grade 5	Chemistry
	HL Grade 5	In one of physics, biology, mathematics, geology, geography, applied mathematics and computer science

Combinations of subjects not permitted:

Physics/chemistry may not be presented with chemistry or physics to satisfy requirements.

Graduate Entry

A graduate entry route to this degree is also available. See: www.tcd.ie/courses/undergraduate for further details.

Students will have to undergo a health screening, see page 226.

Students will be required to undergo Garda vetting, see page 226 for further details.

Note: In order to qualify to register as a pharmacist with the Pharmaceutical Society of Ireland students must also complete a fifth year, culminating in a M.Pharm. degree. There will be a postgraduate fee associated with the fifth year on the postgraduate register in Trinity, payable by the student. Fees are available to view at: www.tcd.ie/academicregistry/fees-and-payments The M.Pharm. degree carries with it an entitlement to apply for registration as a pharmacist in the Republic of Ireland.

The programme is delivered as a series of integrated modules, examples of which include:

- › Natural Sources of Drugs and Substances used in Medicines
- › Formulation and Pharmaceutical Technology
- › Molecular and Chemotherapeutic Pharmacology and Clinical Therapeutics
- › Blood, Cardiovascular and Renal Pharmacology and Clinical Therapeutics
- › Neuropharmacology and Clinical Therapeutics
- › Physical Pharmacy, Formulation and Pharmaceutical Technology
- › Sterile Products and Advanced Pharmaceutical Biotechnology
- › Advanced Pharmaceutical Chemistry, Drug Discovery and Design
- › Addiction Pharmacy
- › Practice of Pharmacy and Integrated Pharmacy Skills
- › Professional Practice and Public Health
- › Organisation and Management Skills



Modules are assessed by final examinations and continuous assessment, such as written assignments, essays, lab reports, OSCEs (objective structured clinical examinations), etc. which contribute to the overall mark in a module. There are approximately 16 hours of lectures, six hours of laboratory classes and one tutorial per week over the course of the first year. Work experience in clinical and non-clinical settings will take place over all five years of the integrated Pharmacy programme.

In the fourth and fifth year, you will undertake a research project. The following are some examples of research projects which students have undertaken in the past:

- › Medicines' use and the burden of people with intellectual disability
- › New targets for old drugs: development of novel beta-lactams with anticancer activity
- › The development of dapsone cocrystals for pulmonary drug delivery

Study abroad and internship opportunities

We encourage our students (second and third year students) to undertake the summer research placement programme.

This programme allows pharmacy students carry out their research projects abroad (Germany, Austria, Italy, France, Croatia, Japan, USA.) over the summer (12 weeks) as part of their undergraduate degree programme. Students are either funded by the Erasmus programme or the School. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

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F www.facebook.com/pharmacystcd
T @TCDPharmacy



Physiotherapy

B.Sc. (Physio) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR053	580	40	4 years



What is Physiotherapy?

Physiotherapy — or physical therapy — places full and functional movement at the heart of what it means to be healthy. It involves treating patients of all ages with a range of illnesses and conditions, including those with back and neck problems, sports injuries, arthritis, or those recovering from strokes and operations. The focus of our treatment is exercise prescription.

Physiotherapists may be part of a multidisciplinary medical team that includes physicians, nurses, speech and language therapists, psychologists, occupational therapists and social workers among others. Alternatively, they may work from clinics or specialise in particular areas of the discipline.

Physiotherapy: The course for you?

Physiotherapy is both physically and academically demanding and an interest in working with people is a requirement, alongside strong communication skills. Visiting a local general hospital or other area where physiotherapists work will give you a good understanding of what exactly is involved.

Physiotherapy at Trinity

Physiotherapy is based in the Trinity Centre for Health Sciences in a purpose built complex at St. James's Hospital. This complex houses other health science disciplines and allows physiotherapy students to share courses with those in the other health sciences to give a multidisciplinary approach to studying and working. The centre is about 3 km (2 miles) from the main campus and is beside a Luas station on the line running between Tallaght and Connolly Station in the city centre.

All students will have clinical placements at Trinity's associated teaching hospitals of St. James's and AMNCH in Tallaght, where there is an established expertise in most areas of physiotherapy. These placements allow students to gain experience in some of the specialist areas of physiotherapy including neurology, respiratory care, coronary care, orthopaedics, women's health, care of the elderly, sports and out-patients.

Graduate skills and career opportunities

Successful completion of the course entitles you to membership of the Irish Society of Chartered Physiotherapists, the accrediting body for physiotherapy in Ireland. Physiotherapists are sought throughout the world and you will be able to work with a wide range of conditions or to specialise, as you wish. There is also great scope for you to continue to develop your skills and expertise in areas such as sports medicine, neurology, cardiology, respiratory, research, education, management or private practice. Students may also work with a professional sports team as part of multidisciplinary athlete support.

Special Entry Requirements

Leaving Certificate	O4 or H6	Mathematics
	H4	In two of physics, chemistry, biology, physics/chemistry, mathematics or agricultural science
GCSE	Grade B/6	Mathematics
Advanced GCE (A Level)	Grade C	In two of physics, chemistry, biology or mathematics
International Baccalaureate	SL Grade 5	Mathematics
	HL Grade 5	In two of physics, chemistry, biology or mathematics

Combinations of subjects not permitted:

Physics/chemistry with physics or chemistry. Agricultural science with biology

Students will have to undergo a health screening, see page 226.

Students will be required to undergo Garda vetting, see page 226 for further details.

Note: Students on placements outside Dublin will have additional travel costs.



Your degree and what you'll study

The major objective of this four-year course is to enable you to become a competent professional with the ability to work independently with patients.

There are two components to Physiotherapy: theory and clinical practice. In the first year the emphasis is on laying a foundation of theoretical knowledge and the second year introduces students to the clinical skills and procedures used by physiotherapists. Clinical sciences are taught mainly in the second and third years. In the third and fourth years students spend up to fifty percent of their time on clinical placement. In the fourth year, students have an opportunity to develop specialist knowledge in a particular area of physiotherapy and undertake a research project.

First and second years

In first and second year as you will have approximately 20 hours of teaching each week, divided between lecture and practical classes.

Courses covered in the first two years include:

- Physiology
- Anatomy
- Physics
- Chemistry
- Pathology
- Exercise

You will also start to study various conditions and specialities frequently seen in physiotherapy, such as respiratory conditions and musculoskeletal conditions.

At the end of second year you will start clinical placements under the supervision of skilled and experienced tutors. These may be taken in hospitals, clinics, day centres or within private and community practice.



Third and fourth years

In the third year, half of the time is spent on academic studies and the other half on clinical placements in a variety of settings both within and outside the Dublin area.


In fourth year, you will complete two six week placements in fourth year. In the second term you will undertake an investigative project and study the following subjects: sports and exercise medicine, ergonomics, professional issues and advances in physiotherapy.

End-of-year written examinations and tests in certain subjects, such as anatomy, make up the theoretical assessment structure. There are a number of submitted assignments in third and fourth years.

In addition, you will be continuously assessed during your clinical placement and will have practical exams on the skills element of the course, including your assessment of a patient while on a clinical placement.

GET IN TOUCH!

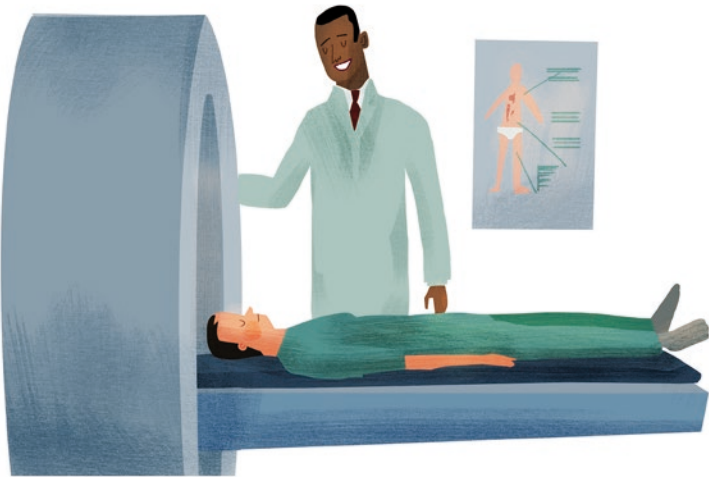
www.tcd.ie/medicine/physiotherapy

 physio@tcd.ie

Radiation Therapy

B.Sc. (Ther. Rad.) Honours Bachelor Degree (NFQ Level 8)

Course Code	CAO Points 2022	Places 2023	Duration
TR055	544	30	4 years



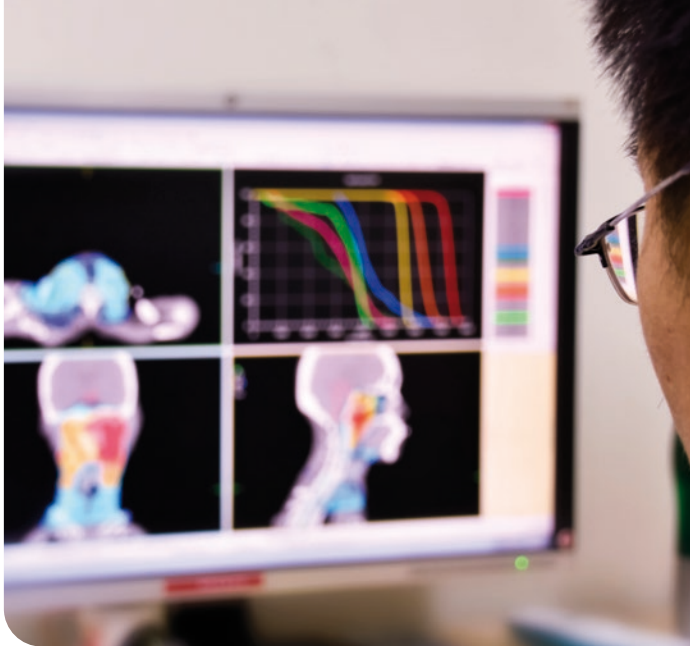
Special Entry Requirements

Leaving Certificate	H4	In one of physics, chemistry, biology, physics/chemistry
Advanced GCE (A Level)	Grade C	In one of physics, chemistry or biology
International Baccalaureate	HL Grade 5	In one of physics, chemistry, biology, physics/chemistry

Students will be required to undergo Garda vetting, see page 226 for further details.

Students will have to undergo a health screening, see page 226.

Note: All students undertake clinical placements outside Dublin and will incur additional travel and accommodation costs.



What is Radiation Therapy?

Radiation therapy uses targeted high energy x-rays to treat patients with cancer and is one of the main treatments for cancer. This course qualifies you to work as a radiation therapist – the health care professional who, together with the other multidisciplinary team members, is responsible for the preparation and delivery of a course of radiation therapy. This degree provides you with the required scientific understanding and the critical clinical and research skills to adapt to the ever-changing medical environment.

Radiation Therapy: The course for you?

The radiation therapist requires very specialist skills and the role can be physically and emotionally demanding. The development of your clinical skills requires you to be interested in patient care. You will also need to have a keen interest in the field of science. Working as a radiation therapist will also require you to have good interpersonal and technical skills.

Radiation Therapy at Trinity

Radiation Therapy is an innovative profession, with constant technological and patient care advancements. This programme will provide you with the necessary academic and practical skills to work in this patient-centred healthcare environment. The programme is delivered by experienced and enthusiastic academic staff, whose focus is on providing you with a research-led, student-centred, quality learning experience. The small class sizes in this programme facilitate a close working relationship between students and staff.

Graduate skills and career opportunities

As a graduate radiation therapist you will be the main point of contact for the cancer patient during the course of their radiation therapy treatment and you will be involved in many aspects of their care during this time. As radiation therapy is expanding in Ireland and internationally so too is the opportunity for career development, making this an exciting time to be entering the profession. Graduates from this programme work in radiation therapy departments in Ireland; UK; Australia; New Zealand; Qatar and Saudi Arabia, to name but a few. The broad scientific and clinical content of this degree, in combination with the graduate attributes of competent reflective practitioners; lifelong learners; critical thinkers and problem solvers has facilitated graduates to work nationally and internationally in research and development, medical industry technology, marketing and academia.

WHAT OUR GRADUATES SAY

Olivia Kelada

I initially chose the course as I was interested in the use of physics in medicine and particularly in the context of Radiation Oncology. However, as I progressed through the degree I realised I also had a keen interest in both research and a career in academia. It is clear that the B.Sc. in Radiation Therapy provided the basis for a future career in academia and a particular interest in clinically relevant research.

Your degree and what you'll study

This four-year honours degree gives you a broad academic base on which to develop the clinical skills of radiation therapy. You will be able to analyse, evaluate and make clinical decisions and to initiate, participate in and encourage research in oncology and radiation therapy. There are both theoretical and clinical components to this degree. The contact hours are high in this course and the subjects are taught through lectures, laboratory-based practical sessions, workshops, tutorials and clinical placement in the hospital setting.

A significant clinical component is integral to this course. Part of the clinical placement takes place during the vacation periods and clinical placement consists of 35 hours per week. Students are placed in radiation therapy departments across the country. **The costs of placement outside Dublin (including accommodation and travel expenses) must be borne by the student.**

First and second year

In the first and second years, the course covers the basic sciences. You will also study the structure and function of the human body and will be introduced to topics that relate to cancer and patient care. There are approximately 20-30 hours per week in class in these years. The clinical practice component (clinical placement) will introduce you to radiation therapy and will develop your understanding of the complexities of the cancer patient pathway. The content covered in first and second year includes: From Molecule to Cell; Chemistry for Life Sciences; Physics; Principles and Practices of Cancer Care; Psychology and Communication; Clinical Practice (4 weeks in first year and 5 weeks in second year); Biochemistry; Physiology and Research and Statistics.

Third and fourth years

In these years, you will study more specialist subjects that are specifically related to cancer and patient care, and complete a research project in this area. The content covered in these years include: Principles and Practices of Cancer Care; Physics; Radiobiology; Radiation Therapy Treatment Planning; Treatment Localisation and Verification; Research and Statistics and completion of a research project; Radiation Therapy in Practice and Clinical Practice (approximately 13 weeks in third year and 15 weeks in fourth year).

This programme uses a variety of assessment methods, including written end-of-year examinations, continuous assessment, individual and group project work, oral examinations, reflective journals and workbooks. A clinical portfolio and research dissertation are substantial components of the assessment processes in your final year.

Study abroad

Students have the option to undertake a clinical placement in a European radiation therapy department in the summer vacation of the third year. Further information on student exchanges can be found at: www.tcd.ie/study/study-abroad/outbound/options

WHAT OUR CURRENT STUDENTS SAY

Tara Gillen

I knew that Radiation Therapy was for me after shadowing a radiation therapist for a day, the critical role they played in patient care and the team rapport drew me to this course. So far I have learned so much about the world of radiation therapy and developed my interpersonal skills, the time spent on clinical placement has been the highlight for me, although it is at times emotionally demanding I cannot wait for the day I am a qualified radiation therapist!

GET IN TOUCH!

www.tcd.ie/medicine/radiation-therapy

 TCDRT@tcd.ie

 [@TCDRadTher](https://twitter.com/TCDRadTher)

Information days are held during the year for students interested in finding out more about radiation therapy.

For details, please contact Daléne Dougall

 TCDRT@tcd.ie

WHAT OUR GRADUATES SAY

Graham Kelly

I work as a radiation therapist in an Irish hospital. My position requires me to work as part of a four-person unit delivering safe and accurate radiation treatment to patients suffering from cancer. No two days are the same when working as a radiation therapist. Each day is varied and presents new tasks and challenges. This makes for a varied and highly rewarding career.



Fees, Financial Support and Scholarships

The admissions guidelines in this section are relevant to students applying from within the EU or EEA countries (Norway, Iceland and Lichtenstein), Switzerland, and the UK through the Central Applications Office (CAO). For students applying from outside this region, please refer to the admissions guidelines at: www.tcd.ie/study/apply/admission-requirements/undergraduate

Fees and Charges

Tuition Fees

EU Students
Under the ‘Free Tuition Fees Scheme’ tuition fees of eligible full-time undergraduate students will be paid by the State. A summary of the criteria is as follows:

- 1 The course duration must be a minimum of 2 years.
- 2 The student must be an EU national (or have official refugee status) and must have resided in an EU member state for at least three of the last five years.
- 3 The student must not already hold an undergraduate (or postgraduate) award.
- 4 The year of study is not a repeat year.

A full list of the eligibility criteria can be found at: www.tcd.ie/academicregistry/fees-and-payments

EU students who are not eligible for inclusion in the Free Tuition Fees Scheme pay EU tuition fees, see: www.tcd.ie/academicregistry/fees-and-payment

Non-EU Students

Non-EU students are liable for Non-EU fees, see: www.tcd.ie/academicregistry/fees-payments

Student Contribution

The student contribution (€3,000 in 2022/23) is payable by all full-time EU students. Funding towards the student contribution may be available from Student Universal Support Ireland (SUSI). Information on the eligibility criteria and the application process can be found at: www.susi.ie

Other Charges

The annual SLC (Student Levies and Charges) combines the Student Sports Centre Levy, USI Levy, Commencement Fee and Student Space Levy. The value of the charge varies depending on the course and student type. The charge must be paid in full prior to registering.

The rates are as follows:

- 1 Rate 1: UG Degree, Doctorates, UG & PG Certificate/Diploma – €202.75 annually.
- 2 Rate 2: PGT Degree (part-time) – €236.50 annually.
- 3 Rate 3: PGT Degree (full-time) – €304.00 annually.

- 4 Rate 4: Visiting students rate – €169 annually.
- 5 Any additional year of study — such as in five-year programmes, repeat years, extension of studies — would incur a SLC at Rate 1.

Further details on fees available at: www.tcd.ie/academicregistry/fees-and-payments

Financial Support

There are numerous financial resources available to undergraduate students studying at Trinity. The level of financial support varies depending on each student’s situation.

A comprehensive list of Bursaries/Awards is available on the Senior Tutor’s Office website. For more information on financial support for third-level students, see: www.studentfinance.ie
For information on the third-level grant (SUSI grant) see: www.susi.ie

Anyone can apply for financial assistance; however, the applications are means tested and you will need to provide documentation such as bank statements, P21s, social welfare documents to prove your eligibility for financial support. Application forms are available from the Senior Tutor’s Office website at: www.tcd.ie/senior_tutor

The SLC may be waived in cases where the student’s sole income is through social welfare payments or where there is financial hardship.

Scholarships

Entrance Exhibitions

Entrance Exhibitions are awarded to new first-year entrants provided that sufficient merit is shown in public examination results. Each exhibition is in the form of a book prize. The schools in which exhibitors received their post-primary education are informed. More information is available at www.tcd.ie/study/undergraduate/entrance-exhibition

Sizarships

Sizars are Entrance Exhibitors of limited means who have Commons (an evening meal) free of charge. Sizarships are normally tenable for the first two years of an undergraduate course. Application to be considered for the award of a sizarship should be made to the Admissions Team, Academic Registry on or before 1 October of the year of entry. Application details are available at: www.tcd.ie/study/undergraduate/scholarships-funding

Foundation Scholarships

Foundation Scholarship is a Trinity institution with a long history and high prestige. Some of our greatest alumni — such as Edmund Burke, Samuel Beckett, and Mary Robinson — were Scholars. Students in their second year may opt to take Foundation Scholarship or ‘Schol’ exams, usually held in January. These searching examinations are the basis for the election to Scholarship of the University. Students who achieve an overall first class honours result in these examinations and meet other specific examination requirements are elected as Scholars on Trinity Monday.

A scholarship is tenured for five years, during which time the Scholar is entitled to free Trinity accommodation, their evening meal free of charge at Commons, a waiver of their tuition fees or student contribution (non-EU students’ fees are reduced by the value of EU fees) and a small annual stipend. Scholars are also entitled to use the post-nominal letters “sch.” after their name.

Scholarship is a very prestigious award given to approximately 60 students each year.

For more information, see: www.tcd.ie/academicregistry/exams/scholarship

Sports Scholarships

The Trinity Sport scholarships are in place to support and recognise talented student athletes in their pursuit of sporting excellence alongside their academic journey. A full range of support services are in place to support athletes reach their potential. Applicants must evidence their sporting ability and potential, demonstrating national/international standard (intercounty level for GAA applicants) and have been offered a place on a course in the university. The closing date for 2023/24 is 31st August 2023.

Further information can be found on our website: www.tcd.ie/sport/performance/scholarships

Erica Markey, Sports Scholar
“The support that I have received from Trinity Sport as a sports scholar has been fantastic. They really understand the importance of balancing your sporting and academic commitments and the support has enabled me to excel both on and off the field. The specialist support provided – strength and conditioning, physiology testing, nutrition and lifestyle support has played a pivotal part in my development as player, whilst the financial support has allowed me to focus more on my training.”

Trinity Sport scholarship programme – benefits	Academy	Development	Performance	Podium
Financial reimbursement		€500	€1,000	€3,500
Trinity Sport scholar kit	✓	✓	✓	✓
Specialist strength and conditioning training	✓	✓	✓	✓
Access to medical care pathway	✓	✓	✓	✓
Nutritional support with cookery skills workshop	✓	✓	✓	✓
Access to high performance training area	✓	✓	✓	✓
Physiology analysis	✓	✓	✓	✓
Physiological analysis and testing programme			✓	✓
Sports massage		✓	✓	✓
Athlete development workshop and seminars				
Anti doping	✓	✓	✓	✓
Media and marketing	✓	✓	✓	✓
Lifestyle support	✓	✓	✓	✓
Psychology	✓	✓	✓	✓

School Prizes

Prizes are available to students from the following schools: the Abbey School, Tipperary; Portora Royal School, Enniskillen; and Mount Temple Comprehensive, St. Andrew’s College, Alexandra College, Dublin. Further details on these prizes can be found at www.tcd.ie/calendar/undergraduate-studies/entrance-awards.pdf

Reid Entrance Exhibition

In 1888, the sum of £6,200 was received under the will and testament of the late Richard Touhill Reid to found additional sizarships. The awards, which do not exceed five in number, are open only to students of limited means and who are natives of County Kerry. They are granted to qualified candidates on the basis of their public examination results and are tenable for two years.

Students are not eligible if they:

- 1 are above the standing of first year
OR
- 2 are graduates of any chartered university
OR
- 3 have completed their nineteenth year before 1 May of the year in which they compete.

Exhibitioners have their Commons (evening meal) free, are supplied with a laptop and receive a salary of €6,000 per annum. During the second year, exhibitioners normally compete for Foundation Scholarships. Those who fail to obtain such scholarships, but are deemed to have shown sufficient merit, may have their exhibitions extended for two further years.

The deadline for applications is 9 October of the proposed year of entry. Application details are available at: www.tcd.ie/study/undergraduate/scholarships-funding

Funding Options for International Students

International students are encouraged to apply for Trinity-wide scholarships, including the Foundation Scholarship. Trinity offers a number of scholarship opportunities specifically for international students each year. Details are available at: www.tcd.ie/study/undergraduate/scholarships-funding

Students are always encouraged to explore external funding options in their home countries, including local and governmental awards. Students from the United States should note that Trinity is an accredited recipient of US federal student loans. Information on FAFSA requirements are available at: www.tcd.ie/academicregistry/fees-and-payment

How to Apply

Am I an EU or Non-EU Applicant?

An EU applicant is a person:

- 1 who is ordinarily resident¹ in the EU²
AND
 - who will have received full-time post primary education
AND/OR
 - who has worked full-time³ in the EU for three of the five years
immediately preceding admission to Trinity
- OR
- 2 who has
 - official refugee status⁴ or has been granted humanitarian leave
to remain in the State
AND
 - who has been ordinarily resident in the EU² for three of the
five years immediately preceding admission to Trinity.

Important notes:

- 1 For students aged under 23, the student's parent(s) must also have
been ordinarily resident (principal residence for the purpose of
taxation) in an EU² Member State for three of the five years prior
to the student's entry to Trinity.
- 2 EU or EEA countries (Norway, Iceland and Lichtenstein)
or Switzerland and the UK.
- 3 Where an applicant can show that they have been in receipt
of social welfare payments this may be taken in lieu of full-time
employment.
- 4 Applicants who have written confirmation that they have been
allowed to come to Ireland as part of the family re-unification
scheme may also be eligible.
- 5 The Admissions Team may contact some applicants in order to
seek supporting documentation regarding their status (EU/non-EU).
- 6 Children of emigrants may be assessed as EU applicants if they
can provide documentary evidence of having completed more
than five years of primary and/or secondary education in the
EU/EEA/Swiss Confederation and have no previous third-level
attendance.

All other applications are considered non-EU.
For further information, see page 221.

Please find Trinity College Dublin's Child Protection Policy
and Child Safeguarding Statement:
www.tcd.ie/about/policies/child-protection-policy.php

EU Applicants

Application for admission (except where otherwise stated) should
be made to the Central Applications Office (CAO). Applications may
be submitted online: www.cao.ie

- Normal application deadline: 1 February
- Late application deadline: 1 May
- Change of mind deadline: 1 July

Note: Applications to restricted entry courses and by mature students
must be made by 1 February, see page 219.

EU Enquiries

All enquiries from EU applicants concerning undergraduate admission
should be addressed to:

Academic Registry, Watts Building, Trinity College Dublin,
the University of Dublin, Dublin 2, Ireland.
T: +353 1 896 4500
E: academic.registry@tcd.ie
www.tcd.ie/study/undergraduate

Applicants with a Disability

Students who require particular supports or reasonable accommodations
due to a disability should notify Trinity of these requirements in advance
of admission to the university. Disclosure of a disability or specific
learning difficulty will not adversely affect your application in any way.

Disability Access Route to Education (DARE)

The Disability Access Route to Education (DARE) is a supplementary
admissions scheme for school leavers with disabilities. School
leavers who meet the eligibility criteria compete for a quota of places
allocated to applicants on a reduced points basis. All applicants must
meet the Irish Leaving Certificate (or equivalent) minimum entry
requirements and, where relevant, subject specific requirements.
For more information, see page 224.

Who Should Apply to DARE?

DARE is for school leavers (under 23 years old as of 1 January 2024)
who have the ability to benefit from and succeed in higher education
but who may not meet the points for their preferred course due to the
impact of a disability. Mature students can learn more on page 219,
while QQI-FET students can find out more on page 224.

How to Apply to DARE?

Step 1 Apply online to Central Applications Office (CAO) by 17:00
on 1 February.

Step 2 No later than 17:00 on 1 March, you must disclose your
disability and/or specific learning difficulty in your CAO
application and fully and correctly complete Section A of the
Supplementary Information Form (SIF), as part of your CAO
application. If you wish to be considered for the DARE scheme,
you must indicate this on Section A by selecting "Yes" to
Question 1 by 17:00 on 1 March 2024.

Step 3 Return the fully completed Educational Impact Statement
(Section B) and Evidence of Disability (Section C) of the SIF
to arrive at the CAO no later than 17:00 on 15 March 2024.

For up-to-date information on the DARE scheme., please check:
www.accesscollege.ie/dare

Prioritising DARE Places

In recognition of national and university targets to increase the number
of students with sensory and physical disabilities, DARE offers will be
made first to eligible applicants within these target groups, and remaining
places offered to all other students with disabilities who are eligible.

Students who receive a DARE offer must apply for reasonable
accommodations with the Disability Service and agree on a
schedule of meetings with the service.

Prioritising Applicants Eligible for both DARE and the Higher Education Access Route (HEAR)

In order to increase the number of students facing the 'double
disadvantage' of socially economic disadvantage and disability,
Trinity have agreed to prioritise applicants eligible for both DARE
and HEAR when allocating reduced points places.

Students who received a DARE offer must apply for reasonable
accommodations with the Disability Service and agree on a
schedule of meetings with the service.

More information

More Information on DARE is available from your school Guidance
Counsellor or the Disability Office. Information can also be found
on: www.accesscollege.ie; www.cao.ie; www.tcd.ie/study/apply/alternative-paths-to-trinity

Regional DARE application advice clinics will be organised and full
details and locations of these can be found on: www.accesscollege.ie

Language or Mathematics Waiver

Students with specific learning difficulties, sensory or communication
disabilities may apply for a waiver of the modern language
requirement, provided that the study of a language does not form
part of their chosen course of study. In addition, students with
dyscalculia, sensory or communication disabilities may be eligible to
request exemption from the minimum entry requirement of a pass
in mathematics, where mathematics does not form any component
of their intended course. For further details, see: www.tcd.ie/study/apply/alternativepaths-to-trinity. Please note:

- 1 This is a separate application to the DARE supplementary
admissions process and written application must be made
to the Applications and Admissions Team, Academic Registry,
Watts Building, Trinity College Dublin, the University of Dublin,
Dublin 2 before 1 July of the year of entry.
- 2 Students should be aware that the criteria for waiving the
language or mathematics requirement are different to those
required for the DARE scheme. The granting of a language waiver
does not mean that a student is automatically eligible for the
DARE scheme.

Further Information

If you wish to clarify any issues or concerns you may have in relation to
your disability and the demands of a course please contact a member
of the Disability Service:

By Phone: +353 (0) 1 896 3111

By Text/SMS (for Deaf Students): +353 (0) 87 113 3185

By Email: askds@tcd.ie

www.tcd.ie/study/apply/alternative-paths-to-trinity

Mature Students

All undergraduate courses in Trinity are open to mature applicants.
Mature student applicants are not required to satisfy the normal
minimum entry requirements and are not required to meet
competitive academic entry levels (such as Leaving Certificate points),
but are considered in the first instance on the basis of how relevant
their life, work and educational experiences are to the course(s) that
they wish to pursue. In addition, all applicants should demonstrate
an interest in and knowledge of their course choice(s).

In order to apply to Trinity as a mature applicant you must:

- be an EU applicant (see page 218)
- be at least 23 years of age on 1 January 2024
- submit a CAO application form to the Central Applications Office
(CAO) by 1 February 2024

Late applications will not be considered from mature students.

CAO applications may be made online at: www.cao.ie

Further information about applying through the CAO as a mature
student can be found www.cao.ie/index.php?page=mature

Applicants to all courses may be required to attend an interview.
Interviews are usually held between April and May.

Certain courses may also require applicants to meet other assessment
criteria. For information on additional assessments for specific courses
please refer to the Mature Student Guidelines booklet available from:

Academic Registry, Watts Building, Trinity College Dublin,
the University of Dublin, Dublin 2,
T: +353 1 896 4500,
E: academic.registry@tcd.ie

The Mature Student Guidelines booklet is also available to download
at: www.tcd.ie/maturestudents/apply

Trinity will inform mature applicants of the outcome of their
application before the end of May to allow successful applicants
the maximum time possible to prepare for the start of the academic
year 2024. Official offers to successful applicants are made through
the CAO in early July. To secure your place you must return a formal
acceptance notice to the CAO by the specified reply date.

An information seminar to prepare all successful mature applicants
for starting in Trinity will take place in July 2024. An orientation
programme for all successful mature applicants will take place in
August 2024.

For further information on studying in Trinity as a mature student
please contact the mature student officer,
T: +353 1 896 1386,
E: mature.student.officer@tcd.ie
For more information, visit: www.tcd.ie/maturestudents

Access Initiatives

The Trinity Access Programmes (TAP) co-ordinates initiatives to
facilitate increased participation at third-level of students whose
social, economic and educational experiences have prevented them
from realising their full academic potential. Through a variety of
pre-entry outreach initiatives, TAP aims to promote positive attitudes
to education within families and communities, and to increase the
number of students who progress to third-level education.

TAP offers a range of application routes to students of all ages and
various post-entry supports, including a writing resource centre,
a laptop lending service, tuition support and a designated study
space equipped with IT resources.

Higher Education Access Route (HEAR)

The Higher Education Access Route (HEAR) is a third-level admissions scheme for school leavers (under 23 years of age), from socio-economically disadvantaged backgrounds. HEAR has been established by a number of Higher Education Institutions based on clear evidence that socio-economic disadvantage has a negative impact on educational achievement at school and progression to higher education.

School leavers who provide the necessary supporting financial documents relating to their socio-economic circumstances and meet the Irish Leaving Certificate minimum entry requirements and any course specific requirements are eligible to compete for a quota of places allocated to applicants on a reduced points basis in Trinity.

Who Should Apply to HEAR?

HEAR is for school leavers (under 23 years old as of 1 January 2022) who are resident in the Republic of Ireland. Mature students can learn more on page 219, while QQI-FET students can find out more on page 224.

Step 1

Apply online to Central Applications Office (CAO) by 17:00 on **1 February 2024**.

Step 2

Indicate that you wish to apply to HEAR and finalise all elements of your HEAR online application by 17:00 on **1 March 2024**.

Step 3

Submit relevant evidence in support of your application to arrive at CAO by 17:00 on **15 March 2024**.

HEAR applications can only be made online at: **www.cao.ie**

More information on HEAR is available from your school Guidance Counsellor or Trinity Access Programmes. Information can also be found on: **www.accesscollege.ie** or: **www.cao.ie**

For further information on the number of available places and the selection process for the HEAR scheme, please refer to: **www.tcd.ie/study/apply/alternative-paths-to-trinity**

Students who accept places in Trinity through HEAR are offered a variety of academic and personal supports while studying at third level. Details of post-admission supports for HEAR entrants can also be found on page 17, and at: **www.accesscollege.ie** and: **www.tcd.ie/trinity_access**

TAP Foundation Course for Young Adults

This one-year course aims to equip students with the skills they will need to benefit from and participate in a third-level education course. It is open to Leaving Certificate pupils from schools in the greater Dublin area which are affiliated to third-level access programmes. Applicants should have taken the Leaving Certificate in the year of application or not more than two years prior to that. Minimum entry requirements are grade O6 or above in five subjects and grade H5 or above in one subject. FETAC and Leaving Certificate Applied qualifications are also considered.

Applicants for the Foundation Course for Young Adults may apply online from mid-November 2023. You may also apply for the University Access Course which Trinity runs in partnership with Liberties College on this application form. The closing date for receipt of applications is 7 February 2024. Students are not required to apply to the CAO. Apply online, find out more or download application guidelines at: **www.tcd.ie/trinityaccess**. Alternatively, you can call: +353 1 896 2751

TAP Foundation Course for Mature Students

This one-year course prepares mature students (EU students who are over 23 years of age on 1 January of the proposed year of entry) for entry to undergraduate studies at Trinity and other third-level institutions. There are no standard educational requirements but evidence of a particular interest in studying at university and strong personal motivation are essential. In addition, if English is not your first language you will be required to provide evidence of English language proficiency, see page 226.

Applicants for the Foundation Course for Mature Students may apply online from mid-November 2023. You may also apply for the University Access Courses which Trinity runs in partnership with Pearse College and Plunket College on this application form. The closing date for receipt of applications is 28 March 2024. Students are not required to apply to the CAO. Apply online, find out more or download application guidelines at: **www.tcd.ie/trinityaccess**. Alternatively, you can call: +353 1 896 2751

Receiving an Offer

Offers to all successful EU applicants (school leavers) are made through the CAO in during the months of August and September following the publication of Leaving Certificate and GCE A Level results. The University does not make conditional offers prior to the publication of examination results. Applicants are advised that the competitive entry level may fluctuate.

Offers to successful mature student applicants and to candidates who have deferred entry from the previous year will be issued by CAO in early July.

Accepting an Offer

Applicants who wish to accept an offer of a place must return a formal acceptance notice to CAO, either online or in hard copy, within the specified time period. If an acceptance is not returned in time the offer will lapse.

Please note that if an applicant does not follow the instructions in full, the right is reserved to cancel the offer.

Deferred Entry

Students who have received an offer notice may apply to defer their entry to Trinity for one year. Applicants should note that there is a limit on the number of deferrals that can be granted and therefore deferrals cannot be guaranteed. On receipt of a CAO Offer Notice:

- 1 Do NOT accept the offer.
- 2 Send an email to Academic Registry with the subject CAO DEFERRAL. The email should contain your name, your CAO number and the reason(s) for the request. You can contact Academic Registry at: **academic.registry@tcd.ie**
- 3 The email must arrive in the Academic Registry at least two days before the ‘Reply Date’ shown on the Offer Notice. Trinity will notify the applicant of the decision in writing. If the deferral is not granted, you may then accept the offer for the current year.
- 4 In order to take up the deferred place, the applicant must re-apply through the CAO by 1 February 2025 and the deferred course must appear as the first and only choice on this application.
- 5 After re-applying, the applicant must send their new CAO application number to the Applications and Admissions Team, Academic Registry, Watts Building, Trinity College Dublin, the University of Dublin, Dublin 2. You can email at: **academic.registry@tcd.ie**

Students who were permitted to defer their place will receive an offer of a place on the course in July of the following year.

A place may be deferred for one academic year only.

Transferring Course and Advanced Entry

Students seeking to transfer from a course in another third-level institution to the second or third year in Trinity (Advanced Entry) should consult: **www.tcd.ie/study/apply/making-an-application/undergraduate**

Non-EU Applicants

Trinity College Dublin, the University of Dublin is a university of global consequence and our reputation is reflected in our standing in the world university rankings. We welcome applications from non-EU students wishing to shape their future by joining our global Trinity community. You will discover that an education from Trinity prepares you for a future with unlimited career possibilities.

We accept many overseas qualifications and further details about our entry requirements for international qualifications are available on our Study at Trinity website at: **www.tcd.ie/study/apply/admission-requirements/undergraduate**

If you are unsure whether we will accept your qualifications, or have questions about the levels we require, our Trinity Global team provides a point of personal contact, both in Ireland and globally, to help you through the application process (see page 28).

Representatives from the Trinity Global team also attend exhibitions, visit schools and universities, and hold receptions and open days for prospective students and offer holders. For more information visit: **www.tcd.ie/study** or email: **study@tcd.ie**

Normally, students from outside the EU must apply directly to Trinity.

If you are not sure whether you are considered as an EU applicant or a Non-EU applicant please check online at: **www.tcd.ie/study/undergraduate** or contact: **academic.registry@tcd.ie**

The Trinity International Foundation Programme

If your high school qualification is not accepted for direct entry to a Trinity undergraduate programme you may consider applying for our International Foundation Programme.

The Trinity International Foundation Programme provides a pathway for students outside of the European Union (EU) who do not meet the direct entry requirements for an undergraduate programme in Trinity. Students who successfully complete the Trinity International Foundation Programme and reach the required grades gain entry to the first year of an undergraduate degree at Trinity.

The International Foundation Programme is the first step on a pathway to a successful career and we ensure students receive the skills and knowledge they will need to thrive in their undergraduate studies. If you are interested in applying to Trinity’s International Foundation Programme, please email: **admissions@mie.ie** or visit: **www.tcd.ie/study/international/foundation-programme**

English Language Requirements

Full details of English language requirements can be found on page 226.

How to Apply as a Non-EU student

Non-EU students can take the following steps to apply for undergraduate courses at Trinity:

- 1 Go to the Courses website and find the course you love: **www.tcd.ie/courses/undergraduate**
- 2 Read the user guide for non-EU applicants: **www.tcd.ie/study/international/how-to-apply**
- 3 Apply by selecting the ‘Non-EU Application’ link under the course description. You can save your application and return to it but remember to submit it when you’re finished!

An application fee of €55 is applicable for all direct applications to Trinity. This payment must be made online following the instructions on the application form. The online application processing fee is non-refundable. The course application will not be submitted to Trinity until the application fee is paid in full.

Non-EU applications for admission in September 2024 will open by 1st November 2023.

Closing Dates:

- **1 February** for admissions decision by 1 April
- **1 February** for Music Education, Drama, Dental Science and Medicine
- **30 June** for Advanced Entry
- **30 June** for rolling decisions

All enquiries from non-EU applicants concerning undergraduate admission should be addressed to:

The Applications and Admissions Team, Academic Registry, Watts Building, Trinity College Dublin, the University of Dublin, Dublin 2, Ireland.
T: +353 1 896 4500
E: **academic.registry@tcd.ie**

The normal closing date for applications is 1 February 2024. Late applications may be considered for courses other than Drama, Deaf Studies, Music Education, Medicine and Dental Science.

In order to be considered for admission all applicants are required to satisfy the University minimum entry requirements (see page 226) and, where relevant, meet any course specific requirements.

Due to national requirements and restrictions on the number of clinical placements available, non-EU students cannot be offered a place on any of the undergraduate nursing or midwifery courses at this time.

Receiving an Offer and Accepting a Place

Successful non-EU applicants will be notified in writing through the online application system by Trinity. Students who wish to accept an offer of a place in the University will be required to return an acceptance deposit within a specified time. Details of the due date and method of payment will be included in the offer letter.

Deferred Entry

Non-EU students applying for deferred entry should contact the Applications and Admissions Team, Academic Registry, Watts Building, Trinity College Dublin, the University of Dublin, Dublin 2, Ireland in writing prior to the deadline for acceptance of their offer.

Important Dates for Applicants

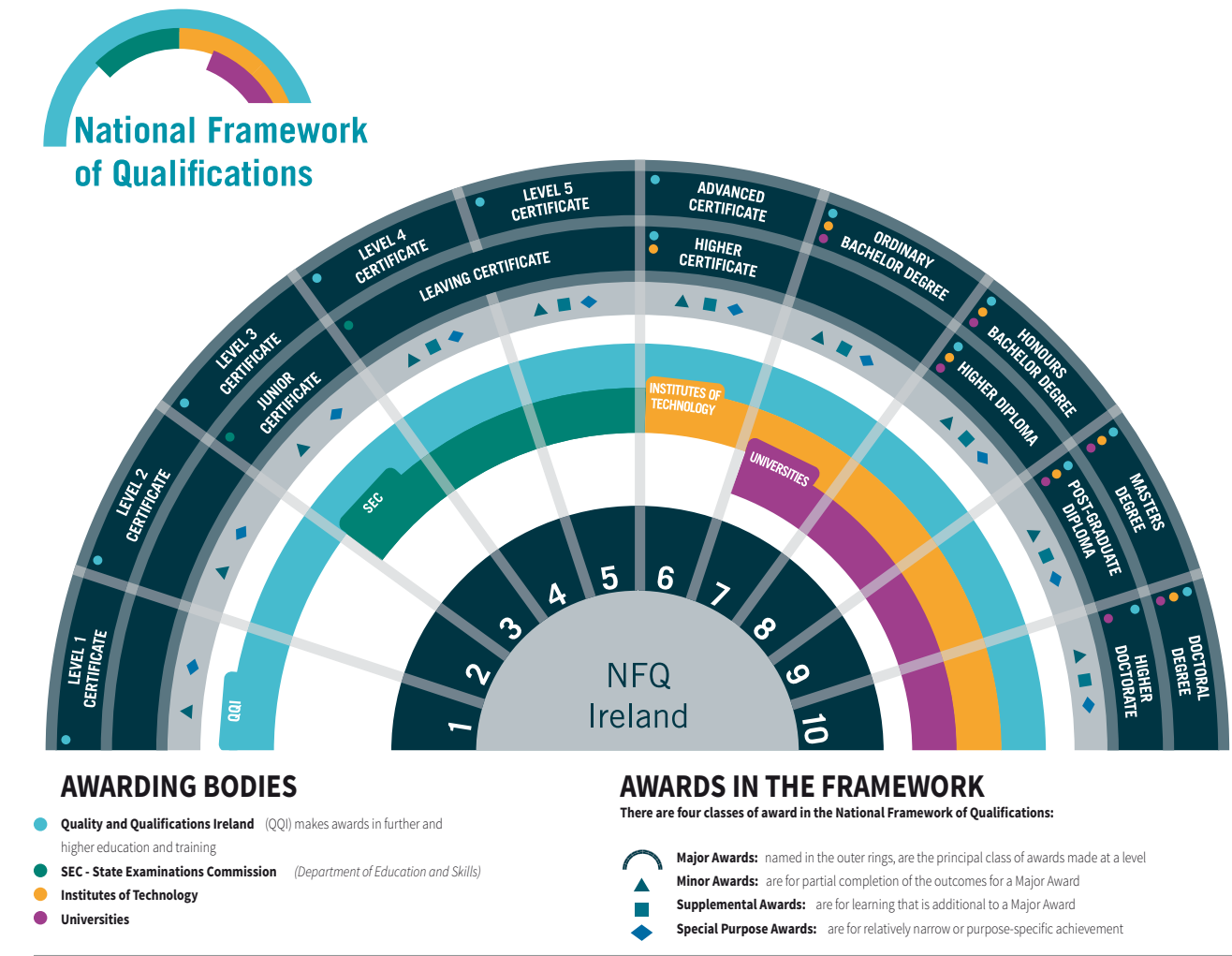
1 November 2023	Non-EU Applicants for September 2024 admission opens (1 November).
Early November 2023	CAO online applications (www.cao.ie) opens for EU applicants.
4 November 2023	Trinity Open Day.
11 January 2024	Mature students advice and information seminar. (Time: 17:00-18:00).
20 January 2024	Closing date for registration for the HPAT-Ireland test for entry to Medicine.
	Final date for the CAO online discounted application fee.
1 February 2024	Normal closing date for CAO.
	Applications to restricted entry courses must be made to the CAO by this date.
	Closing date for applications from mature students for all full-time courses.
	DARE and HEAR applicants must have applied to CAO.
	Deadline for Advanced Entry and Non-EU students applying for restricted courses: Medicine, Dental Science, Deaf Studies, Drama and Music Education.
17-25 February 2024	Date of HPAT-Ireland test for entry to Medicine.
1 March 2024	Closing date for applications to sit the University matriculation examination.
	Closing date for completion of Mature Applicant section of the CAO form.
	DARE applicants must have disclosed their disabilities and/or specific learning difficulties in their CAO applications, and fully and correctly completed Section A of the Supplementary Information Form (SIF).
	HEAR applicants must have applied to HEAR and finalised all elements of their HEAR online application.
	Applications from EU and non-EU students wishing to study as a visiting student for up to one academic year should be submitted online.
15 March 2024	DARE applicants must have completed and returned sections B and C of the Supplementary Information Form. (Must arrive with CAO by 17:00 on 15 March).
	HEAR applicants must have submitted relevant evidence in support of their application to CAO. (Must arrive with CAO by 17:00` on 15 March).
March 2024	Music Education Entrance Examination (date to be confirmed).
1 May 2024	Late closing date for CAO (Note: Late applications to restricted entry courses, and late applications from mature students will not be considered).
30 June 2024	Deadline for applications for Advanced Entry.
	Deadline for non-EU applications for most undergraduate courses (please refer to specific course profiles at www.tcd.ie/courses).
1 July 2024	Closing date for submission of a 'Change of Mind' to CAO.
8 October 2024	Closing date for receipt of applications for the Reid Entrance Exhibition.

To see the term dates for 2023/2024, visit: www.tcd.ie/calendar

National Framework of Qualifications

The National Framework of Qualifications (NFQ) is a system of ten levels, where each level is based on nationally agreed standards of knowledge, skill and competence. These standards help to define what a student is expected to know, understand and be able to do following successful completion of a course or programme of study, or learning process. It includes awards made for all kinds of learning, from initial learning to Doctorate. The NFQ provides a framework to compare and contrast the level and standard of different qualifications, helping students to make informed decisions about their qualification choices and options available for further studies. The NFQ also makes it easier for students to explain to others (employers, learning institutions, etc.) what qualifications they hold, or are studying for.

For more information see: www.qqi.ie/Pages/National-Framework-of-Qualifications-%28NFQ%29.aspx



For further Information consult: www.nfq.ie www.qqi.ie

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Admission Requirements 2024

To qualify for admission to an honours degree course at the University you must:

- 1 meet the minimum entry requirements (see below).
- 2 satisfy course specific requirements (where applicable), see pages 227-231.
- 3 where there is competition for places, have good enough examination results to be included among those to whom offers are made (see the Leaving Certificate scoring system or Advanced GCE [A Level] scoring system, below).

Minimum entry points for recent years are available at: www.tcd.ie/study/apply/admission-requirements

Also see ‘Other Requirements’ on page 226.

Minimum Entry Requirements: Irish Leaving Certificate

To be considered for admission to a degree course at the University you must:

- Present six subjects, three of which must be at grade 5 or above on higher Leaving Certificate papers or at least grade 5 in the University matriculation examination.

The six subjects above must include:

- A pass in English.
- A pass in mathematics (or foundation-level mathematics (see note 2)) and a pass in a language other than English OR
- A pass in Latin and a pass in a subject other than a language.

Notes:

- 1 A pass means grade O6/H7 or above in the Leaving Certificate and grade 7 or above in the University matriculation examination.
- 2 Mathematics at foundation-level is acceptable for minimum entry requirements only, for all courses except nursing or midwifery courses. Irish at foundation-level is not acceptable for minimum entry requirements, course requirements or for scoring purposes.
- 3 Students may combine grades achieved in different sittings of their Leaving Certificate/Matriculation examinations for the purpose of satisfying minimum entry and/or course requirements, but not for the purposes of scoring. This is not permitted for Medicine – see notes 3A and 3B on page 229.
- 4 Combinations of Leaving Certificate subjects not permitted:
 - Physics/chemistry may not be presented with physics or chemistry.
 - Biology and agricultural science may not be presented as two of the six subjects required for minimum entry requirements, and they may not be presented together to satisfy course specific requirements. However, both may be used for scoring purposes.
 - Art and music may not be offered as two of the three higher Leaving Certificate grades for minimum entry requirements, but both may be used for scoring purposes.

Leaving Certificate Scoring System

Grade	Higher Level	Ordinary Level
1	100	56
2	88	46
3	77	37
4	66	28
5	56	20
6	46	12
7	37	n/a

➤ Bonus Points for Higher Level Mathematics

All students presenting H6 or above in higher level mathematics will have 25 points added to their score for mathematics. The bonus points will only be relevant where mathematics is scored as one of a student’s six best subjects for points purposes.

An applicant’s six best results from one sitting of the Leaving Certificate will be counted for scoring purposes. Applicants may combine results from the Leaving Certificate and the Trinity matriculation examination of the same year for scoring purposes.

The minimum entry levels (points) for Trinity in recent years are available at: www.tcd.ie/study/apply/admission-requirements/undergraduate

Leaving Certificate Vocational Programme Link Modules

These modules are accepted for scoring purposes only and are awarded the following points: Distinction 66, Merit 46, Pass 28.

QQI/FETAC Qualifications

There is an entry route to a number of degree programmes in Trinity for applicants presenting appropriate QQI/FET Level 5 or 6 Major Awards.. Applicants presenting distinctions in five modules can be considered for admission. More information can be found at: www.cao.ie/index.php?page=scoring&s=fetac&bb=studentresources

Full information on courses with QQI entry routes, requirements etc., can be found at: www.tcd.ie/study/assets/PDF/2022-Progression-Pathways-to-Trinity-1.pdf

Minimum Entry Requirements: GCSE/Advanced GCE (A Level)

To be considered for admission to the University you must:

- Present six subjects at grade C or above on GCSE or Advanced Subsidiary GCE (AS) papers. Two of these subjects must be at grade C or above on Advanced GCE (A Level) papers.

The six subjects above must include:

- A pass in English.
AND
- A pass in mathematics and a pass in a language other than English OR
- A pass in Latin and a pass in a subject other than a language.

Notes:

- 1 A pass means grade C (or grade 5) or above on GCSE or grade C on Advanced Subsidiary GCE (AS) papers.
- 2 Students may combine grades achieved in different sittings of their Advanced GCE (A Level) examinations for the purpose of satisfying minimum entry and/or course requirements, but not for the purposes of scoring. This is not permitted for Medicine – see notes 3A and 3B on page 229.
- 3 Acceptable subjects:
 - Applied A Level, Vocational Advanced Subsidiary, Vocational A Level, National Vocational and Key Skills and BTEC qualifications are not accepted for minimum entry requirements or scoring purposes.
 - GCSE/Advanced GCE (A Level) subjects set by recognised examination boards are, in principle, acceptable for consideration with the following exceptions:
 - General Studies and Media Studies are not acceptable.
 - Applicants who require advice about subject eligibility should contact the Academic Registry, see page 218.
- 4 Combinations of A Level subjects not permitted for minimum entry requirements or scoring purposes:
 - Art may not be presented with History of Art.
 - Biology may not be presented with Botany or Zoology.
 - English Literature may not be presented with English Language.
 - Environmental Science may not be presented with Biology or Geography.
 - Science may not be presented with Chemistry, Physics or Biology.
 - Not more than one specialised endorsed programme in art may be presented.
- 5 Art and Music may not be offered as the two Advanced GCE (A Level) grades for minimum entry requirements but both may be used for scoring purposes.

A Level Scoring System

Points are weighted in favour of the first three A Levels, with additional points awarded for a fourth A Level or for a fourth AS Level subject.

Grade	First 3 A Level subjects	4th A Level or AS	
A*	185	45	31^
A	156	38	26
B	131	32	22
C	106	26	18
D	84	20	14
E	63	15	11

^ Extended Project is scored as an AS level and an A* Is available in this subject.

➤ Bonus points for Mathematics

All students presenting grade E or above in one of A Level (A2) Mathematics, Further Mathematics or Pure Mathematics will have 25 points added to their score for that subject. The bonus points will only be relevant where that subject is scored as one of a student’s four best subjects for points purposes.

An applicant’s score will be calculated on the basis of either of the following:

- 1 their best 4 GCE Advanced level (A2) subjects from one academic year
- OR
- 2 their best 3 GCE Advanced level (A2) subjects from one academic year plus one Advanced Subsidiary level (AS) in a different subject from the same or the preceding academic year only.

Students may not combine grades achieved in different sittings of their GCE Advanced level (A2) examinations for the purpose of scoring. However, examinations taken in January and June of the same year are counted as a single sitting.

The minimum entry levels (points) for recent years are available at: www.tcd.ie/study/apply/admission-requirements/undergraduate

Notes:

Cambridge Pre-U: Principle subjects will be accepted as alternatives to A Levels in meeting general entry requirements. The scoring scheme for Principle Subjects, Global Perspectives, and Short Courses results is available at: www.tcd.ie/study/apply/admission-requirements/undergraduate

Trinity reserves the right to make the final decision in all matters pertaining to the admissions process.

University Matriculation Examination

A matriculation examination, graded in equivalent terms to grades used in higher Leaving Certificate examination papers, is held in Trinity every year, usually in April. The subjects of the matriculation examination are Biblical Studies and Geology. You may take one or both of the subjects available, but you should note that the range of university matriculation examination subjects available is not sufficient for the fulfilment of all minimum entry requirements.

The closing date for application for the examination is 1 March of the year of proposed entry to study. Application forms and a syllabus can be obtained from:
Academic Registry, Watts Building, Trinity College Dublin, the University of Dublin, Dublin 2,
T: +353 1 896 4500,
E: academic.registry@tcd.ie

Minimum Entry Requirements: Other EU Countries

Applicants who are presenting a second-level qualification other than Leaving Certificate or Advanced GCE (A Level) should or contact the Academic Registry for details of the relevant minimum entry and course requirements (see page 218).

Minimum Entry Requirements: Non-EU Countries

Applicants who are presenting qualifications from non-EU countries should or contact the Trinity Global team for details of the relevant minimum entry and course requirements. You can email at: study@tcd.ie

Other Requirements

English Language Requirement

All applicants must present an English language qualification. Accepted/permitted qualifications are:

- 1 **Irish Leaving Certificate:** a grade 6 or better in ordinary level English.
- 2 **GCSE:** a grade C/grade 5 or better in English language.
- 3 **US High School:** a grade C in English taken in final year.
- 4 **TOEFL**
 - Paper-based 570 (with a TWE score of 4.5)
 - Computer-based 233 (with a score of 4.5 in essay)
 - Internet-based 90 (with a written score of 21)
- 5 **Cambridge Advanced/Proficiency:** grade C
- 6 **IELTS** (academic version) 6.5 (no individual band below 6)
 - For Dental courses: IELTS (academic version) 7 (no individual band below 7)
 - For Clinical Speech and Language Studies: IELTS (academic version) 7 (no individual band below 7)

- 7 **Pearson Test of English** (Academic) – PTE Academic: a minimum score of 63 (with no Communication Skills section score below 59)
- 8 **International Baccalaureate:** English A1, A2 or B: 5 at Higher Level (4 at Standard Level if presenting IB through English).
- 9 **QQI/FET:** a pass in Communications module (5N0690).
- 10 **Duolingo English Test:** Minimum overall score of 120/160, with no section below 105.

Note: Examination results are only valid for two years.

Age Requirement

Applicants seeking admission in 2024 must have a date of birth before 15 January 2008.

Garda Vetting

Students on courses with clinical or other professional placements may be required to undergo Garda vetting procedures prior to commencing placements. If, as a result of the outcome of the Garda vetting procedures, a student is deemed unsuitable to attend clinical or other professional placement, he/she may be required to withdraw from his/her course. Students who have resided outside Ireland for a period of 6 months or more will be required to provide police clearance documentation from the country (including different states) or countries in which they resided.

Students who accept an offer will be informed of the procedures to be followed to complete the vetting process (as part of the student orientation information).

Fitness To Practice

Professional courses demand that certain core competencies are met by students in order to graduate and practice professionally after qualification. Trinity has special responsibility to ensure that all students admitted to all professional programmes will be eligible for registration by the relevant professional body upon graduation. It is important to us that our students are able to fulfil the rigorous demands of professional courses and are fit to practice.

Health Screening

Offers of admission to the following courses are made subject to certain vaccination requirements and/or certain negative test results:

- Clinical Speech and Language Studies
- Orthodontic Therapy, Dental Science, Dental Hygiene, Dental Nursing, and Dental Technology
- Medicine
- Nursing and Midwifery
- Occupational Therapy
- Pharmacy
- Physiotherapy
- Radiation Therapy
- Social Studies (Social work)

Full details are available at: www.tcd.ie/study/apply/admission-requirements/undergraduate

Course Requirements 2024: Joint Honours/Modern Language – Level 8 (Honours Degrees)

Students select two subjects from the list below.

Note: Students are not permitted to commence two new languages. Students wishing to combine two of German, Italian, Russian, Spanish are required to present at least one of the chosen languages at grade H4 or better on a higher level Leaving Certificate paper or equivalent. French and Irish are not available at beginner's level 'ab Initio'.

	Subject Name	Specific Subjects Required			Available Places in 2023
		Leaving Certificate Higher Level	Advanced GCE – A Level	International Baccalaureate	
AH	Ancient History and Archaeology	none	none	none	25
BU	Business	see note 1	see note 1	see note 1	55
CC	Classical Civilisation	none	none	none	31
CL	Classical Languages	H4 in Greek, Latin or in a language other than English	C in Greek, Latin or in a language other than English	HL 5 in Greek, Latin or in a language other than English	10
CS	Computer Science	see note 15	see note 15	see note 15	50
DR	Drama Studies	see note 10	see note 10	see note 10	24
EC	Economics	see note 1	see note 1	see note 1	46
EN	English Studies	H4 in English	C in English	HL 5 in English	101
FS	Film	none	none	none	30
GG	Geography‡	none	none	none	45
HS	History	none	none	none	46
AR	History of Art and Architecture	none	none	none	43
LW	Law	none	none	none	45
LS	Linguistics	H6/O2 in a language other than English or Irish	grade D at A Level/grade A at GCSE level in a language other than English or Irish	HL 4/SL 6 in a language other than English or Irish	20
MT	Mathematics	H3 in Mathematics	B in Mathematics	HL 6 in Mathematics	30
ME	Middle Eastern, Jewish and Islamic Civilisations	none	none	none	20
ML	Modern Language	see note 19	see note 19	see note 19	210
MU	Music	none	none	none	18
PH	Philosophy	none	none	none	43
PO	Political Science	none	none	none	59
RL	Religion	none	none	none	22
SC	Sociology	none	none	none	59
SO	Social Policy	none	none	none	28

Specific subjects required for other EU countries: See the information above for the Irish Leaving Certificate and compare it with the equivalent grades for your country at EU: www.tcd.ie/study/undergraduate

‡ Geography may also be read as part of a moderatorship subject in Geography and Geoscience – TR062. See 153 for course specific requirements for Science programmes.

Course Requirements 2024: Level 8 (Honours Degrees)

Course Code	Name	Specific Subjects Required			Available Places in 2023
		Leaving Certificate Higher Level	Advanced GCE – A Level	International Baccalaureate	
TR002	Music	none	none	none	25
TR003	History	none	none	none	39
TR004	Law	none	none	none	90
TR005	Philosophy	none	none	none	20
TR006	Psychology	none	none	none	40
TR007	Clinical Speech and Language Studies	see note 4	see note 4	see note 4	34
TR009	Music Education	see note 5	see note 5	see note 5	12
TR015	Philosophy, Political Science, Economics and Sociology	see note 1	see note 1	see note 1	34
TR016	Deaf Studies	see note 16	see note 16	see note 16	20
TR018	Law and French	H3 in French	C in French	HL 6 in French	15
TR019	Law and German	H3 in German	C in German	HL 6 in German	15
TR021	Classics, Ancient History and Archaeology	H4 in Greek, Latin or a language other than English	C in Greek, Latin or a language other than English	HL 5 in Greek, Latin or a language other than English	23
TR022	Early and Modern Irish	H4 in Irish	C in Irish	HL 5 in Irish	15
TR023	English Studies	H4 in English	C in English	HL 5 in English	45
TR024	European Studies	see note 8	see note 8	see note 8	45
TR025	Drama and Theatre Studies	see note 10	see note 10	see note 10	17
TR028	Ancient and Medieval History and Culture	none	none	none	16
TR031	Mathematics	H3 in Mathematics	B in Mathematics	HL 6 in mathematics	40
TR032	Engineering	H4 in Mathematics	C in Mathematics	HL 5 in Mathematics	195
TR033‡	Computer Science	H4 in Mathematics	C in Mathematics	HL 5 in Mathematics	100
TR034‡	Management Science and Information Systems Studies	H4 in Mathematics	C in Mathematics	HL 5 in Mathematics	27
TR035‡	Theoretical Physics	H3 in Mathematics and H3 in Physics	B in Mathematics and B in Physics	HL 6 in Mathematics HL 6 in Physics	45
TR038‡	Engineering with Management	H4 in Mathematics	C in Mathematics	HL 5 in Mathematics	27
TR039	Computer Science, Linguistics and a Language	see note 18	see note 18	see note 18	20
TR040	Middle Eastern and European Language and Cultures	H4 in language other than English or Irish	C in language other than English or Irish	HL 5 in language other than English or Irish	18
TR041	Religion	none	none	none	14
TR042	Film	none	none	none	15
TR043	History of Art and Architecture	none	none	none	13
TR051	Medicine	see notes 3A and 3B	see notes 3A and 3B	see notes 3A and 3B	136
TR052	Dental Science	see note 17	see note 17	see note 17	32
TR053	Physiotherapy	see notes 1 and 6	see notes 1 and 6	see notes 1 and 6	40
TR054	Occupational Therapy	see note 7	see note 7	see note 7	40
TR055	Radiation Therapy	see note 11	see note 11	see note 11	30
TR056	Human Health and Disease	see note 14	see note 14	see note 14	35
TR060‡	Biological and Biomedical Sciences	see notes 1 and 2	see notes 1 and 2	see notes 1 and 2	235
TR061	Chemical Sciences	see notes 1 and 2	see notes 1 and 2	see notes 1 and 2	90
TR062‡	Geography and Geoscience	see notes 1 and 2	see notes 1 and 2	see notes 1 and 2	54
TR063‡	Physical Sciences	see notes 1 and 2	see notes 1 and 2	see notes 1 and 2	72
TR064	Environmental Science and Engineering	see note 20	see note 20	see note 20	26
TR072	Pharmacy	see notes 1 and 9	see notes 1 and 9	see notes 1 and 9	76
TR080	Global Business	see note 1	see note 1	see note 1	40

Course Code	Name	Specific Subjects Required			Available Places in 2023
		Leaving Certificate Higher Level	Advanced GCE – A Level	International Baccalaureate	
TR081	Business, Economic and Social Studies	see note 1	see note 1	see note 1	236
TR084	Social Studies (Social Work)	none	none	none	45
TR085	Business Studies and French	H3 in French and see note 1	B in French and see note 1	HL 6 in French and see note 1	15
TR086	Business Studies and German	H3 in German and see note 1	B in German and see note 1	HL 6 in German and see note 1	16
TR087	Business Studies and Russian	H4 in a language other than English and see note 1	C in a language other than English and see note 1	HL 5 in a language other than English and see note 1	9
TR089	Business Studies and Polish	H4 in a language other than English and see note 1	C in a language other than English and see note 1	HL 5 in a language other than English and see note 1	9
TR090	Business Studies and Spanish	H3 in Spanish and see note 1	B in Spanish and see note 1	HL 6 in Spanish and see note 5	13
TR091	General Nursing	see note 12	see note 12	see note 12	104
TR093	General Nursing (Adelaide)	see notes 12 and 13	see notes 12 and 13	see notes 12 and 13	38
TR095	Mental Health Nursing	see note 12	see note 12	see note 12	59
TR097	Intellectual Disability Nursing	see note 12	see note 12	see note 12	32
TR911	Children's and General Nursing (Integrated)	see note 12	see note 12	see note 12	26
TR913	Midwifery	see note 12	see note 12	see note 12	44

Specific subjects required for other EU countries: See the information above for the Irish Leaving Certificate and compare it with the equivalent grades for your country at: www.tcd.ie/study/undergraduate



Courses are funded by the Irish Government under the National Development Plan.

‡ These courses are co-funded by the Irish Government and the European Union under the European Social Fund.

Notes

- 1 A mathematics requirement of grade 4 on the ordinary or grade 6 on the higher Leaving Certificate paper, grade B/6 at GCSE level or IB grade 5 at SL level (maths studies not sufficient).

2 Two higher level grade 4s (grade Cs at A Level, IB HL grade 5s) from the following subjects: physics, chemistry, biology, physics/chemistry, mathematics, geology, geography, applied mathematics, agricultural science, computer science. Physics/chemistry may not be presented with physics or chemistry. Agricultural science may not be presented with biology. Applied mathematics may not be presented with mathematics.

3A A higher level grade 3 and a higher level grade 4 (grade B and C at A Level; IB HL grade 6 and grade 5) in two of physics, chemistry, biology, physics/chemistry, agricultural science. Physics/chemistry may not be presented with physics or chemistry. Agricultural science may not be presented with biology. If you do not have some qualification in physics, you must present mathematics at grade 4 on the ordinary Leaving Certificate paper, grade 6 on the higher Leaving Certificate paper (grade B/6 at GCSE level; IB SL grade 5)

3B Applicants must achieve a minimum of 480 points and meet the minimum entry and course specific requirements in the same sitting* of the Leaving Certificate examination. In addition, all EU applicants are required to sit the admissions test (HPAT-Ireland) which will take place between 17 and 20 February 2024. Applicants must register for the test at www.hpat-ireland.acer.edu.au by 20 January 2024. Further details on the selection criteria are available at www.tcd.ie/courses or from the Academic Registry: academic.registry@tcd.ie

* A Level applicants must meet minimum entry and course specific requirements within 3 consecutive years, e.g. GCSE (2021), AS (2022), A Levels (2023). For DARE, HEAR and Mature applicants a minimum HPAT score of 150 is required.

4 A mathematics requirement of grade 6 on the ordinary or higher Leaving Certificate paper (grade C/5 at GCSE level, IB SL grade 4, IB HL grade 4). A grade 4 at higher level in one of English, French, German, Irish, Italian, Russian, Spanish and a grade 4 at higher level in one of mathematics, applied mathematics, physics, chemistry, biology, physics/chemistry, agricultural science. If you are presenting Advanced GCE (A Levels), a grade C at A Level is required in one of English, French, German, Irish, Italian, Russian, Spanish and a grade B/6 at GCSE level in one of physics, chemistry, biology, mathematics; or a grade C at A Level in one of physics, chemistry, biology, mathematics and a grade B/6 at GCSE level in one of English, French, German, Irish, Italian, Russian, Spanish. IB candidates should present a HL grade 5 in one of English, French, German, Irish, Italian, Russian, Spanish and a SL grade 6 in one of physics, chemistry, biology, mathematics; or a HL grade 5 in one of physics, chemistry, biology, mathematics and a SL grade 6 in one of English, French, German, Irish, Italian, Russian and Spanish.

- 5

This is a restricted entry course. Applications must be submitted to CAO by 1 February. You will be required to sit an entrance test in late March. Some applicants will then be short-listed for interview and further tests in late April/early May when final selections will be made.

6

Two higher level grade 4s (grade Cs at A Level; IB HL grade 5s) from the following subjects: physics, chemistry, biology, physics/chemistry, mathematics, agricultural science. Physics/chemistry may not be presented with physics or chemistry. Agricultural science may not be presented with biology.

7

One higher level grade 4 (grade C at A Level; IB HL grade 5) from the following subjects: physics, chemistry, biology, physics/chemistry, agricultural science.

8

Students entering this programme will study two languages from French, German, Italian, Modern Irish, Polish, Russian and Spanish. German, Italian, Polish, Russian and Spanish are available from beginner level. No student may study more than one language as a beginner. Students accepted into this programme, subject to the above regulations, will normally have at least a higher level grade 4 in the Leaving Certificate or equivalent, in two of French, German, Italian, Modern Irish, Polish, Russian, Spanish (H3 in the case of French, H4 In Modern Irish, and H4 in the case of Spanish if non-beginner) (grade C at A Level; IB HL grade 5). Students who have only one language (other than English or Irish) may also be admitted, subject to the above regulations, if they achieve a higher level grade H3 in the language in the Leaving Certificate, a grade B at A Level or IB HL grade 6.

9

A higher level grade 4 in chemistry or physics/chemistry and a higher level grade 4 in one of physics, biology, mathematics, geology, geography, applied mathematics, agricultural science and computer science (grade C at A level: IB HL grade 5), Physics/chemistry may not be presented with chemistry or physics to satisfy requirements.

10

This is a restricted entry course, applications must be submitted to CAO by 1 February. You will be sent a questionnaire in March. On the basis of the completed questionnaire some applicants will be called to attend a workshop and interview (during late April/May) before final selections are made.

11

One higher level grade 4 (grade C at A Level; IB HL grade 5) from the following subjects: physics, chemistry, biology, physics/chemistry.

12

A grade 6 on the ordinary or higher paper in mathematics and in one of biology, physics, chemistry, physics/chemistry or agricultural science; a grade C/5 in Mathematics and in one of biology, physics, chemistry at GCSE level or IB SL grade 4.

Applicants who have previously been unsuccessful (academic and/or placement) in any Nursing or Midwifery programme or have any issues which would affect their registration with An Bord Altranais will only be considered for re-entry to Nursing or Midwifery on a case-by-case appeal basis to the relevant Programme Board. Such applicants should make their case in writing to the Admissions Officer and include any relevant details of extenuating circumstances. Mature Applicants should follow the instructions in the CAO handbook (available at www.cao.ie).

13

This is a restricted entry course. Applications must be submitted to the CAO by 1 February. The Adelaide Hospital Society, which is a voluntary charitable organisation, nominates suitable applications each year to the Adelaide School of Nursing. Applicants will be sent an additional application form in mid-March, to be returned to the Adelaide Hospital Society. On the basis of the completed application form, a list of eligible applicants will be selected. Places on this course are then allocated on the basis of school-leaving examination results/QQI results/mature students' written assessment scores.

The statement about previous unsuccessful studies in nursing outline above also applies to TR093.

14

A higher level grade 4 in biology and a higher level grade 4 in one of physics, chemistry or physics/chemistry (grade C at A Level; IB HL grade 5).

15

A higher level grade 4 or an ordinary level grade 2 in mathematics; grade C at A Level or grade A/8 at GCSE level; IB HL grade 5 or SL grade 7.

16

This is a restricted entry course; applications must be submitted to CAO by 1 February. The normal requirement for this course is a higher-level grade 4 in English and a grade 6 at ordinary or higher level in a language other than English. However, an alternative test to replace the H4 English requirement will be available to applicants whose first language is ISL. Applicants will be contacted in March and applicants who is deaf/hard of hearing will be asked to submit evidence of this and will be invited to sit the ISL test.

17

A higher level grade 3 and a higher level grade 4 (grade B and C at A Level; IB HL grade 6 and HL grade 5) in two of physics, chemistry, biology, physics/chemistry. Physics/chemistry may not be presented with physics or chemistry. If you do not have some qualification in physics, you must present mathematics at grade 4 on the ordinary Leaving Certificate paper, grade 6 on the higher Leaving Certificate paper, grade B/6 at GCSE level, IB SL grade 5 or IB SL grade 5.

18

A higher level grade 4 in mathematics (grade C at A Level; IB HL grade 5). Also, a grade 3 at higher level in French, Spanish or Irish (grade C at A Level in French or Spanish and grade B at A Level in Irish if selecting Irish; IB HL grade 5 in French or Spanish; HL grade 6 if selecting Irish).

19

The languages available within Modern Language are French, German, Italian, Irish, Russian and Spanish. A H4/AL C/IB HL5 in a language other than English is required except for French and Irish which are not available at beginners level, a H4/AL C/IB HL5 is required in French or Irish if you wish to study them. You are not permitted to begin two languages.

20

A higher level Grade 4 in mathematics (Grade C at A Level, IB HL 5) and a higher level Grade 4 in one physics, chemistry, biology, physics/chemistry, geography, geology, agricultural science, computer science. (Grade C at A Level, IB HL 5).

Course Requirements 2024: Ordinary Degree and Diploma Courses

Course Code	Name	Specific subjects required	Available Places in 2023
TR801	Dental Nursing (diploma)	See notes A and C	25
TR802	Dental Hygiene (diploma)	See notes B and C + Restricted entry	8
TR803	Dental Technology (ordinary degree)	See notes A and C + Restricted entry	6

Notes

- A

Applicants are required to present six subjects, including English, mathematics and one of physics, chemistry, biology, physics/chemistry or agricultural science.

Of the six subjects presented, two must be of a standard of at least grade 4 on ordinary Leaving Certificate papers. The remaining four subjects must be presented to a standard of grade 6 on ordinary Leaving Certificate papers.
- B

Applicants are required to present six subjects, including English, mathematics and one of physics, chemistry, biology, physics/chemistry or agricultural science.

Of the six subjects presented, two must be of a standard of at least grade 4 on higher Leaving Certificate papers. The remaining four subjects must be presented to a standard of grade 6 on ordinary Leaving Certificate papers.
- C

Applications may also be considered from mature applicants who do not satisfy the academic entry requirements but can demonstrate appropriate experience relevant to the course.

Applications for restricted entry courses must be submitted to the CAO by 1 February of the proposed year of entry.

Alert List for Guidance Professionals – 2024

Trinity Joint Honours

Two new Joint Honours combinations available:

- › Drama Studies and Middle Eastern, Jewish and Islamic Civilisations
- › English Studies and Middle Eastern, Jewish and Islamic Civilisations

Mature Students

Mature students should apply through the CAO only.

Deaf Studies

Deaf Studies is now a restricted entry course.

Feasibility Studies

The Feasibility Study in Admissions (Leaving Certificate) and the Northern Ireland Admissions Feasibility Study (A-Levels) concluded in 2023. For information on admissions pathways for students from Northern Ireland, please contact: academic.registry@tcd.ie

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