Double Diploma:

Engineering

3 YEARS IN SHANGHAI + 2 YEARS IN DUBLIN

Graduate with B.Sc and MAI

www.tcd.ie/study
Trinity by Numbers

1st

Trinity is Ireland’s leading University
(QS World University Ranking 2024 and
THE World University Ranking 2023)

2nd

Ireland is the world’s 2nd most competitive economy
(WB 2023)

3rd

Ireland has the 3rd highest quality of life in the world
(United Nations Human Development
Index 2022)

3rd

Ireland is the 3rd most peaceful country in the world
(Global Peace Index 2023)

16th

16th Most International University in the World
(THE World University
Ranking 2023)

34%

34% of our student body
is from outside Ireland,
from 125 countries

81st

81st World Ranking
(QS World University
Ranking 2024)

91st

91st in the World for
Graduate Employability
(QS Graduate Employability
Ranking 2022)

TOP

TOP 100 UNIVERSITY

139K

Trinity Top 100 University
in the world for 21 Subjects

1st

Accounting and Finance

2nd

Biological Sciences

3rd

Chemistry

3rd

Classics and Ancient History

3rd

Computer Science and Information Systems

Education

3rd

Dentistry

3rd

English Language and Literature

3rd

Geography

3rd

History

3rd

Law

3rd

Materials Science

3rd

Medicine

3rd

Modern Languages

3rd

Nursing (41st in the world)*

3rd

Performing Arts

3rd

Pharmacy and Pharmacology

3rd

Philosophy

3rd

Politics and International Studies

3rd

Psychology

3rd

Theology, Divinity and Religious Studies

*Ranked Top 50 in the
QS World Rankings 2023

Over 139,000 Trinity
alumni (graduates) in 157
countries worldwide

16th Most International
University in the World
(THE World University
Ranking 2023)
Trinity's Location

Why Ireland?

Ireland is an English speaking country in the EU.

Ireland has the 3rd highest quality of life in the world according to a recent UN report: www.worldpopulationreview.com/country-rankings/hdi-by-country

People in Ireland are happy, ranking 14th in the world. (World Happiness Report 2023)

Dublin is ranked in the top 20 of the world’s best cities for 2023 in a recent World’s Best Cities Report.

Dublin is multi-national. 1 in 5 people in the city are non-Irish nationals, according to the Council of Europe.

Trinity’s central location makes it highly accessible for all forms of public transport: tram, rail and bus stops are right outside the University. www.tcd.ie/maps

As a Trinity graduate you can remain in Ireland to work for 1 or 2 years, depending on level of study.

Find out more: www.irishimmigration.ie/my-situation-has-changed-since-i-arrived-in-ireland/third-level-graduate-programme

Ireland is the 3rd most peaceful country in the world. (Global Peace Index 2023)

European hub for innovation and industry is based in Dublin: Google, Facebook, Microsoft, Intel, Pfizer and HP based here.

Dublin is multi-national. 1 in 5 people in the city are non-Irish nationals, according to the Council of Europe.

Trinity’s central location makes it highly accessible for all forms of public transport: tram, rail and bus stops are right outside the University. www.tcd.ie/maps

As a Trinity graduate you can remain in Ireland to work for 1 or 2 years, depending on level of study.

Find out more: www.irishimmigration.ie/my-situation-has-changed-since-i-arrived-in-ireland/third-level-graduate-programme

Ireland is the 3rd most peaceful country in the world. (Global Peace Index 2023)

European hub for innovation and industry is based in Dublin: Google, Facebook, Microsoft, Intel, Pfizer and HP based here.
Double Diploma

 Spend the final two years of your integrated master’s programme at Trinity, Ireland’s leading university, and graduate with two world-class qualifications. After completing three years of your undergraduate programme at UM-SJTU Joint Institute, you will then join Trinity in year four. Students complete their fourth year at Trinity and the following summer semester at JI graduating with the B.Sc in Engineering from UM-SJTU Joint Institute. Students can then return to Trinity to complete year five and graduate with the Trinity MAI award in Engineering.

Why Study Engineering at Trinity?

The School of Engineering is a vibrant, intellectual community of innovative researchers, teachers and students, which combines high-quality teaching with expansive research activity. Each year, the Engineering School welcomes growing numbers of visiting and full-time students from around the world who enrich our shared multicultural learning environment. We have international students from all over Europe, North and South America, Australia, Asia and Africa. We strive to educate global citizens who will have a real impact on society and who will enhance engineering throughout the world, by sharing their innovative ideas.

International Dimension

Trinity attracts a global community of academics dedicated to addressing challenges of vital importance to the world around us and has a diverse student body with students from 125 different countries. Chinese students are the third largest cohort of international students at Trinity from outside the EU. As Ireland’s oldest and highest-ranking university, Trinity strives to educate global citizens who will shape the world’s future.

English Language Support

All modules on these programmes are taught in English but students can avail of Trinity’s extensive language-learning facilities. The Centre for English Language Learning and Teaching focuses specifically on the development of students’ academic English skills to support their current and future university studies.

Programme Information

Year 4

In the fourth year of the Engineering course at Trinity, students are afforded the opportunity to specialise in elective options offered by each of the Engineering streams. Many of these modules in the fourth year are now single-term courses, allowing for greater flexibility and increased specialist knowledge whilst ensuring graduates are ready to meet the challenges of the outside world. Most modules include a major component of practical and group work to prepare students for working in industry and independent research projects. The academic staff will often include real-world examples from their research experience as case studies.

Year 5 MAI

The MAI modules offered reflect the very wide research and technological interests of the academic staff. In most cases, there will be small group tutorials organised by staff and teaching assistants. Each module has at least one laboratory session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five.

International Dimension

Trinity attracts a global community of academics dedicated to addressing challenges of vital importance to the world around us and has a diverse student body with students from 125 different countries. Chinese students are the third largest cohort of international students at Trinity from outside the EU. As Ireland’s oldest and highest-ranking university, Trinity strives to educate global citizens who will shape the world’s future.

English Language Support

All modules on these programmes are taught in English but students can avail of Trinity’s extensive language-learning facilities. The Centre for English Language Learning and Teaching focuses specifically on the development of students’ academic English skills to support their current and future university studies.

Programme Information

Year 4

In the fourth year of the Engineering course at Trinity, students are afforded the opportunity to specialise in elective options offered by each of the Engineering streams. Many of these modules in the fourth year are now single-term courses, allowing for greater flexibility and increased specialist knowledge whilst ensuring graduates are ready to meet the challenges of the outside world. Most modules include a major component of practical and group work to prepare students for working in industry and independent research projects. The academic staff will often include real-world examples from their research experience as case studies.

Year 5 MAI

The MAI modules offered reflect the very wide research and technological interests of the academic staff. In most cases, there will be small group tutorials organised by staff and teaching assistants. Each module has at least one laboratory session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five.

International Dimension

Trinity attracts a global community of academics dedicated to addressing challenges of vital importance to the world around us and has a diverse student body with students from 125 different countries. Chinese students are the third largest cohort of international students at Trinity from outside the EU. As Ireland’s oldest and highest-ranking university, Trinity strives to educate global citizens who will shape the world’s future.

English Language Support

All modules on these programmes are taught in English but students can avail of Trinity’s extensive language-learning facilities. The Centre for English Language Learning and Teaching focuses specifically on the development of students’ academic English skills to support their current and future university studies.

Programme Information

Year 4

In the fourth year of the Engineering course at Trinity, students are afforded the opportunity to specialise in elective options offered by each of the Engineering streams. Many of these modules in the fourth year are now single-term courses, allowing for greater flexibility and increased specialist knowledge whilst ensuring graduates are ready to meet the challenges of the outside world. Most modules include a major component of practical and group work to prepare students for working in industry and independent research projects. The academic staff will often include real-world examples from their research experience as case studies.

Year 5 MAI

The MAI modules offered reflect the very wide research and technological interests of the academic staff. In most cases, there will be small group tutorials organised by staff and teaching assistants. Each module has at least one laboratory session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five.

International Dimension

Trinity attracts a global community of academics dedicated to addressing challenges of vital importance to the world around us and has a diverse student body with students from 125 different countries. Chinese students are the third largest cohort of international students at Trinity from outside the EU. As Ireland’s oldest and highest-ranking university, Trinity strives to educate global citizens who will shape the world’s future.

English Language Support

All modules on these programmes are taught in English but students can avail of Trinity’s extensive language-learning facilities. The Centre for English Language Learning and Teaching focuses specifically on the development of students’ academic English skills to support their current and future university studies.

Programme Information

Year 4

In the fourth year of the Engineering course at Trinity, students are afforded the opportunity to specialise in elective options offered by each of the Engineering streams. Many of these modules in the fourth year are now single-term courses, allowing for greater flexibility and increased specialist knowledge whilst ensuring graduates are ready to meet the challenges of the outside world. Most modules include a major component of practical and group work to prepare students for working in industry and independent research projects. The academic staff will often include real-world examples from their research experience as case studies.

Year 5 MAI

The MAI modules offered reflect the very wide research and technological interests of the academic staff. In most cases, there will be small group tutorials organised by staff and teaching assistants. Each module has at least one laboratory session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five session or assignment, to ensure students have the capacity to apply the theoretical knowledge gained in coursework to practical systems. In addition, the “Capstone” project under the direct supervision of a member of staff, represents a significant element of the work load, 42% of the Year Five.
Trinity is committed to ensuring that all international students have a positive experience while preparing to make the move to Dublin.

Partnerships students will be prioritised for Trinity approved accommodation provided they apply by May 1st. More information on accommodation options while at Trinity can be found here: www.tcd.ie/accommodation

Immerse yourself in a broad range of sports clubs and student societies and get a real sense of the ‘Trinity Experience’.

Your first days at Trinity

Freshers’ Week
Trinity offers orientation to all new postgraduate and undergraduate students prior to the start of the academic year during a week known as Freshers’ Week. It is a chance for you to meet your classmates, attend information sessions and sign up to one of many clubs and societies at Trinity. Find out more at: www.tcd.ie/students/orientation

A specific International Postgraduate Student Orientation takes place before teaching commences. Details are available at: www.tcd.ie/students/orientation/postgraduates

Trinity Education
After the excitement of Freshers’ Week, teaching term starts, and you will be settling into your course. Most of your classes at Trinity will be a mixture of lecturers, tutorials and some practicals. Tutorials are less formal and usually take place in smaller groups, giving you a chance to delve deeper into the studied topics with your classmates and teaching assistants.

Trinity in Twelve Weeks
The “Trinity in Twelve Weeks” virtual programme aims to continue your orientation during your first semester and help your transition to university life. The programme has a new theme every week, from study and exam skills to how to look after yourself while 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. Find out more at: www.tcd.ie/students/orientation/twelve-weeks

Pathway to Belonging
“Pathway to Belonging” is an 8-week pre-departure orientation programme for international students. This webinar series is an invaluable resource that will provide insider tips, important information and a sneak peak into campus life.
Career Opportunities

Our graduates are highly sought after by employers across all sectors and many have gone on to successful careers around the globe. See below for just a few examples of the diverse organisations that have recruited Trinity graduates in recent years. The Trinity Careers Service supports students in exploring their career ambitions for the future and planning how to achieve them. Find out more about the Careers Service at: www.tcd.ie/careers

Did you know?

Trinity is a Top 100 University for Graduate Employability

QS GRADUATE EMPLOYABILITY RANKING 2022

Trinity has over 500 industry partners including Microsoft, Google, IBM, Pfizer, Roche, AIB and many more.

Where some of our Trinity graduates are now employed

- Twitter
- LinkedIn
- Microsoft
- Intel
- Stripe
- Facebook
- EY
- Pfizer
- HubSpot
- Google
- Accenture
- HP: Hewlett Packard
- Amazon
- iNESC
International Student Supports

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, responsibly, culturally and personally.

Full list of services available to view at: www.tcd.ie/study/international/student-experience/supports-services.php

We have many specific support services for international students including:

**Talk to our students**

Do you have a question about student life, the campus or living in Dublin? Connect with our students at: www.tcd.ie/global/talktostudents

**English for Academic Purposes**

Trinity offers both pre-sessional and in-sessional English language programmes. Find out more at: www.tcd.ie/slscs/english

**New to Dublin Programme**

Student Ambassadors run this programme aimed at postgraduate students, covering everything from Dublin grocery shopping and public transport to making friends and adjusting to Dublin culture.

**Trinity Global Room**

The Global Room team provides guidance and support to international students on a wide range of issues including immigration, accommodation and all aspects of life at Trinity. www.tcd.ie/study/international/student-experience/global-room.php. For more information, please contact: tcdglobalroom@tcd.ie

**Visa and Immigration**

Some, but not all, non-EU/EEA students require an entry visa for Ireland. We advise students to apply for their visas early.

To check if you need a visa, please visit the Immigration Service Delivery at the link below: www.irishimmigration.ie/coming-to-study-in-ireland

Find out more at: www.tcd.ie/study/international/arriving-in-ireland/visa-immigration

**Did you know?**

Trinity is ranked 16th Most International university in the world

TIMES HIGHER EDUCATION RANKING 2023
If you have any questions about studying at Trinity, please get in touch with us.

www.tcd.ie/study

The Trinity Global team is dedicated to helping international students and we would be delighted to answer your questions. Please contact us at:

Trinity Global
East Theatre,
Trinity College Dublin,
the University of Dublin
Dublin 2, Ireland.

www.tcd.ie/study
goglobal@tcd.ie

If you have further questions about your application status you can contact the Applications and Admissions Team in Trinity’s Academic Registry.

Academic Registry
Trinity College Dublin, the University of Dublin,
Watts Building,
Dublin 2, Ireland.

+353 (0) 1 896 4500
www.tcd.ie/academicregistry
academic.registry@tcd.ie

Join the Trinity Community

Trinity’s Dedicated Channels In-Country

China
Bilibili: space.bilibili.com/985604734
WeChat: app.weixin.qq.com/ef1wwEeTc59+5r9r5
Website: www.tcd.ie/china

India
Facebook: www.facebook.com/trinitycollegedublinindia
Instagram: www.instagram.com/trinitycollegedublin_india/

The Americas

Future Applicants from the Americas please follow our dedicated Instagram Account:
www.instagram.com/tcdamericas

If you have any questions about studying at Trinity, please get in touch with us.

www.tcd.ie/study

Trinity College Dublin, the University of Dublin has sought to ensure that the information given in this brochure either in print or online is correct at the time of publication but does not guarantee its accuracy and furthermore Trinity does not accept any liability for omissions, errors or changes in its content.

While Trinity aims to provide the courses, modules and facilities described in this brochure, it does not represent a binding commitment to provide the courses, modules and facilities described within. Trinity reserves the right, at any time and without notice, to add, remove or alter content of the brochure. Nothing in this brochure should be construed as an offer to attend Trinity. Any offer made by Trinity will be subject to the University’s admissions policy and will be made clear to the applicant upon receiving an offer. Neither this brochure nor any other information on the Trinity website nor any Faculty or School website create a contract or other legally binding relationship between Trinity and any third party.