Global Pathway Programme

MSc in Computer Science

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

Institut Mines-Télécom

4 YEARS AT INSTITUT MINES-TÉLÉCOM
+ 1 YEAR AT TRINITY

Graduate with a Degree from Ireland's Leading University

www.tcd.ie/**study**

Why Choose Trinity?

1st

Ireland's leading
university
*(QS World University
Ranking 2025)*

1st

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

1-2

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

4th

Ireland is the
world's 4th most
competitive
economy
(IMD 2024)

7th

Ireland has the 7th
highest quality of
life in the world
*(UN Human Development
Index 2023/24)*

31st

31st most international
university in the world
*(Times Higher Education
Ranking 2024)*

87th

Ranked 87th
in the world
*(QS World University
Rankings 2025)*

91st

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

**TOP
100
UNIVERSITY**

Top 100 university
in the world for
22 subjects
(QS Subject Rankings 2024)

2nd

Ireland is the 2nd safest country in the world
(Global Peace Index 2024)

35%

35% of our students are from outside Ireland, from 118 countries

500

Trinity has more than 500 industry partners, including Meta, Google, IBM, Pfizer and more

Trinity Top 100 University in the world for 22 Subjects

Accounting & Finance

Archaeology

Biological Sciences

Chemistry

Classics & Ancient History

Dentistry

Education

English Language and Literature* (21st in the world)

Geography

History

Law

Materials Science

Medicine

Modern Languages

Nursing* (26th in the world)

Performing Arts* (40th in the world)

Pharmacy and Pharmacology* (26th in the world)

Philosophy

Psychology

Politics & International Studies

Social Policy & Administration

Theology, Divinity and Religious Studies*
(49th in the world)

QS WORLD UNIVERSITY RANKINGS®

(QS World Rankings 2024)
*Ranked Top 50 in the QS World Rankings 2024

Trinity's Location

Why Ireland?

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 2nd safest country in the world (Global Peace Index 2024)

Ireland is the world's 4th most competitive economy. (IMD 2024)

People in Ireland are happy, ranking 17th in the world (World Happiness Report 2024)

Dublin is multi-national. 1 in 5 people in the city are non-Irish nationals, according to the Council of Europe.
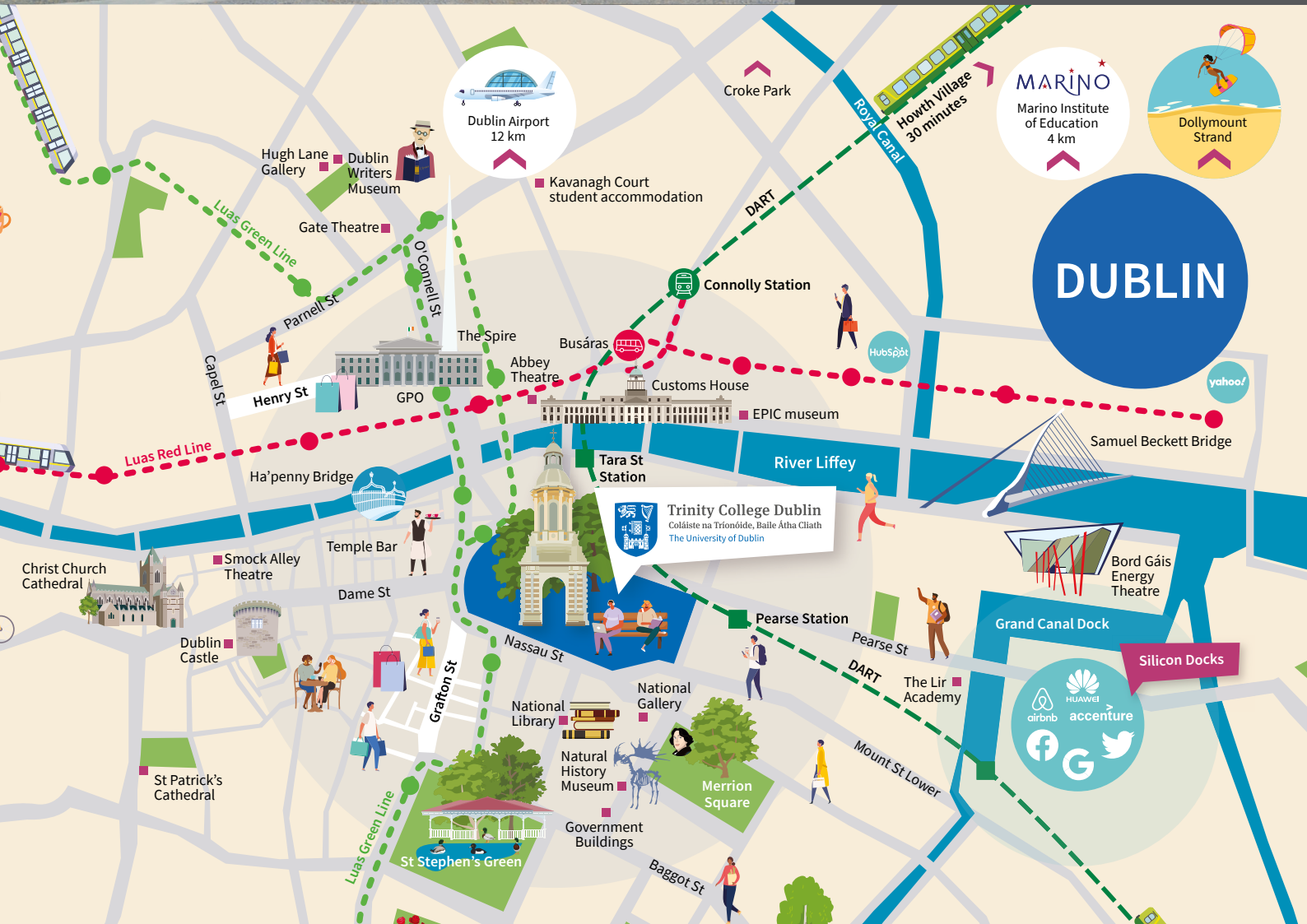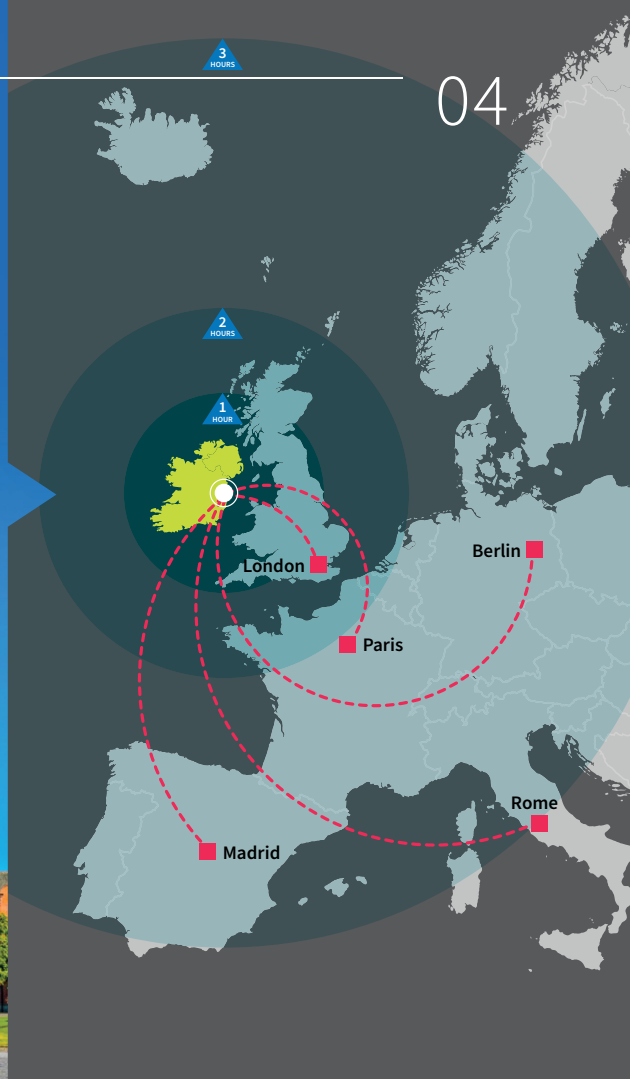
Trinity's central location makes it highly accessible for all forms of public transport: tram, rail and bus stops are right outside the University. www.tcd.ie/maps

Ireland is an English speaking country in the EU.

Ireland has the 4th highest quality of life in the EU and 7th in the world according to UN Human Development Index 2023/24.

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

Trinity College Dublin, The University of Dublin

IRELAND

DUBLIN

3 HOURS

2 HOURS

1 HOUR

London

Berlin

Paris

Madrid

Rome

Croke Park

Royal Canal

Howth Village 30 minutes

MARINO
Marino Institute of Education 4 km

Dollymount Strand

Dublin Airport 12 km

Hugh Lane Gallery

Dublin Writers Museum

Gate Theatre

Luas Green Line

Kavanagh Court student accommodation

DART

Parnell St

O'Connell St

The Spire

Connolly Station

DUBLIN

HubSpot

Capel St

Henry St

GPO

Abbey Theatre

Busáras

yahoo!

Luas Red Line

Customs House

EPIC museum

Ha'penny Bridge

Tara St Station

River Liffey

Samuel Beckett Bridge

Christ Church Cathedral

Smock Alley Theatre

Temple Bar

Dame St

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

Bord Gáis Energy Theatre

Dublin Castle

Pearse Station

Grand Canal Dock

Silicon Docks

Nassau St

Grafton St

Pearse St

DART

The Lir Academy

airbnb

HUAWEI

accenture

St Patrick's Cathedral

National Library

National Gallery

Natural History Museum

Merrion Square

Mount St Lower

Luas Green Line

St Stephen's Green

Government Buildings

Baggot St

Global Pathway Programme

Study a master's programme in Trinity, Ireland's leading University. As part of the Global Pathway Programme, following completion of your undergraduate degree at Institut Mines-Télécom, you can transfer to Trinity to enter the MSc in Computer Science programme.

Why Study Computer Science at Trinity?

Trinity is Ireland's leading university, steeped in history with a reputation for excellence in education and research. While our campus dates back over four hundred years, our research facilities and institutes sit right in the twenty first century.

The MSc in Computer Science is designed to equip students with the theoretical knowledge and the practical skills to develop careers in the global energy sector.

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 118 different countries. 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 this programme 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 student's academic English skills to support their current and future university studies.

All students can enrol on the "English for Academic Purposes" course. www.tcd.ie/slscs/english/trinity_in-sessional_programme/index.php

4 Years at Institut Mines-Télécom + 1 Year at Trinity

Application Requirements

The following documents MUST be submitted with your application:

— Curriculum Vitae

— Transcript of academic results to date
  If you have not completed your studies, you must provide transcripts of your course to date indicating modules studied and grades received so far.

— Copies of degree certificates
  Equivalency certificate if a diploma is not yet available

— Two Academic references

— If English is not your first language, you will be required to submit an English Competency certificate. NOTE that this is required of all candidates whose first language is not English, even if they have been instructed in the medium of English.

Admission Requirements

— A grade of at least II.1 (Upper Second Class Honours) or higher from a reputable university, in Computing or a strongly related discipline

— IELTS level of 6.5 or equivalent.

— C, C++ or Java. Several modules on the course may also require programming in Python.

— As part of the selection process, you will be asked to take an online programming test (in C, C++ or Java

MSc in Computer Science

Programme Information

The MSc in Computer Science is an exciting one-calendar-year programme aimed at excellent students who are keen to deepen their existing knowledge of computing. The expectation of graduates is that this course enables them to have rewarding careers in Computing or in a profession that has Computing or IT as a core component. This course is also a suitable preparation for PhD studies.

In the first two semesters, students take a range of taught modules, and then from April to August work full-time on their individual dissertations. All students take a set of core modules but then have the option to specialise in one of four strands: Data Science, Intelligent Systems, Future Networks and Augmented and Virtual Reality.

The Taught Component makes up the first two semesters of the course and accounts for 60 ECTS credits out of a total of 90. These are examined either continuously during the course or by end of semester exams. The passing grade for these subjects is 50%.

At the end of the 2nd semester, students who have passed at least 50 ECTS credits at a level of ≥ 50% and achieved a level of ≥ 40% in a further 10 ECTS will be granted permission to "Proceed to Dissertation". Those who fail to achieve that level will cease working on their dissertation at that point. They may re-sit the exams they have failed, but are only eligible for the award of Postgraduate Diploma in Computer Science.

In August, students submit a Research Disseratation for the remaining 30 ECTS and those who obtain 50% or greater will be eligible for an MSc in Computer Science. Students who obtain a distinction in their dissertation and an average of ≥ 70% in the taught component will be eligible for an MSc in Computer Science with Distinction.

Detailed Module Summaries can be found here:
www.scss.tcd.ie/postgraduate/msc-cs/course-structure.php

The MSc in Computer Science handbook (updated each year) provides further detail on all four strands.

Application Deadline

Please check individual programmes for application deadlines. Generally students must submit their application to Trinity by 30 June at the latest but early application is strongly advised.
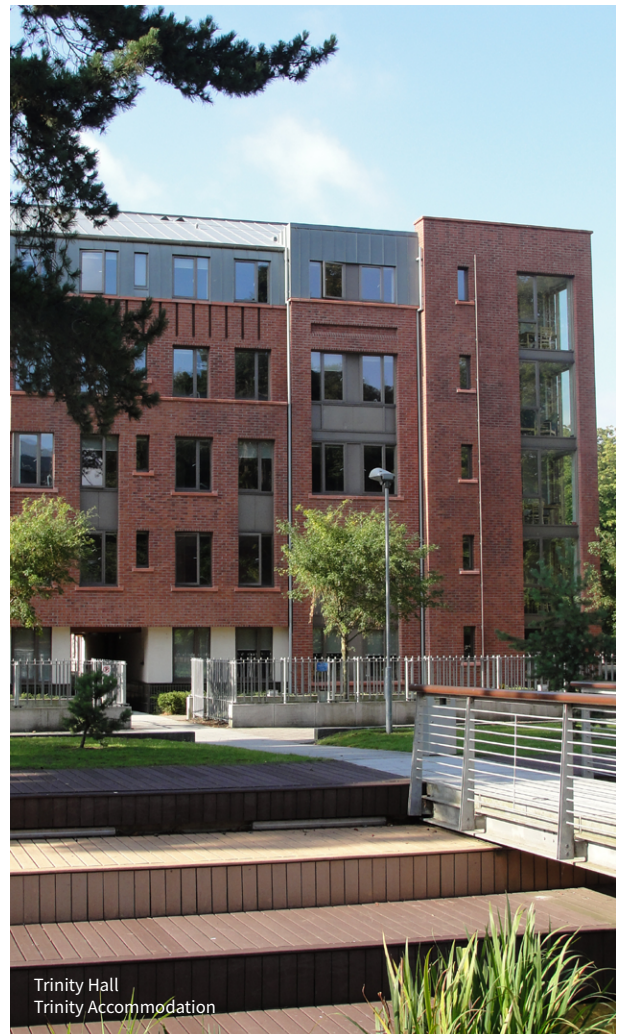
Fees

The fees for the current academic year are available here. Students on this programme may be eligible for a scholarship.

Accommodation

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

Trinity Hall
Trinity Accommodation

Goldsmith Hall
Trinity Accommodation

On campus accommodation

Student Life at Trinity

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 peek into campus life.

Trinity Clubs & Societies

As a student at Trinity, you will be able to choose from over 49 sports clubs including aikido, basketball, Gaelic football, surfing, hockey, rugby, soccer, table tennis, badminton and many more. You will also automatically be a member of our Sports Centre. The Sports Centre is where the majority of our fitness classes and programmes take place, 7 days a week. Facilities include a 25-metre swimming pool, climbing wall and a fully equipped gym. www.tcd.ie/sport

At Trinity, we have over 120 student societies which constitute some of the most dynamic and active university student societies in Ireland, allowing you to develop new skills or put your existing ones into action with everything from the International Student Society to the Zoological Society. Find out more at: www.trinitysocieties.ie

Career Opportunities

Your Career Journey at Trinity

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

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

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. 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 31st Most International university in the world

TIMES HIGHER EDUCATION RANKING **2024**

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
study@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

www.instagram.com/tcdglobal

www.x.com/tcdglobal

www.linkedin.com/company/
tcdglobal

www.facebook.com/
tcdglobal

www.youtube.com/user/
trinitycollegedublin

www.trinity-experience-
blog.com

China
Bilibili: space.bilibili.com/695604784→
WeChat: weixin.qq.com/r/gEiJkWXEcTgOrSHy9x2S→
Weibo: m.weibo.cn/u/3905092477→

India
Instagram: www.instagram.com/trinitycollegedublin_india→

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