



Global Pathway Programme

MSc in Computer Science

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

Graduate with a Degree from Ireland's Leading University



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

www.tcd.ie/study

Trinity by Numbers

1st

Ireland's Leading University
(QS World University Ranking 2023
and THE World University Ranking 2022)

1st

**Trinity is 1st in Europe for
producing entrepreneurs for
the 7th year in a row**
(PitchBook Universities Report 2021)

3rd

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

6th

**Trinity ranks 6th in the world
for gender equality**
(Times Higher Education University
Impact Rankings 2021)

12th

**12th Most International
University in the World**
(THE World University Ranking 2022)

29%

**29% of our student body is
from outside Ireland, from
116 countries**

91st

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

98th
QS WORLD UNIVERSITY RANKINGS

98th World Ranking
(QS World University Rankings 2023)

**TOP
100
UNIVERSITY**

**Trinity Top 100 University
in the world for 19 Subjects**
(QS Subject Rankings 2022)

133K

**Over 133,000 Trinity
alumni (graduates) in 157
countries worldwide**

Trinity Top 100 University in the world for 19 Subjects

Accounting and Finance
Biological Sciences
Chemistry
Classics and Ancient History (45th in the world)*
Dentistry
Education
English Language and Literature (25th in the world)*
History
Law
Materials Science
Medicine
Modern Languages
Nursing (42nd in the world)*
Performing Arts
Pharmacy and Pharmacology (25th in the world)*
Philosophy
Politics and International Studies
Social Policy and Administration
Theology, Divinity and Religious Studies



(QS World Rankings 2022)

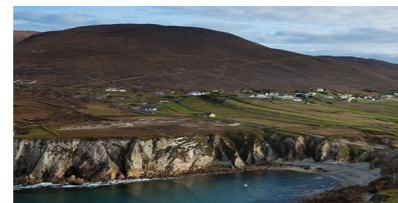
*Ranked Top 50 in the QS World Rankings 2022

Trinity's Location

Why Ireland?

Ireland is an English speaking country.

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



European hub for innovation and industry is based in Dublin: Google, Amazon, Microsoft, Intel, Stripe and HP are based here.



Ireland is friendly and welcoming. 13th on the World Happiness Index

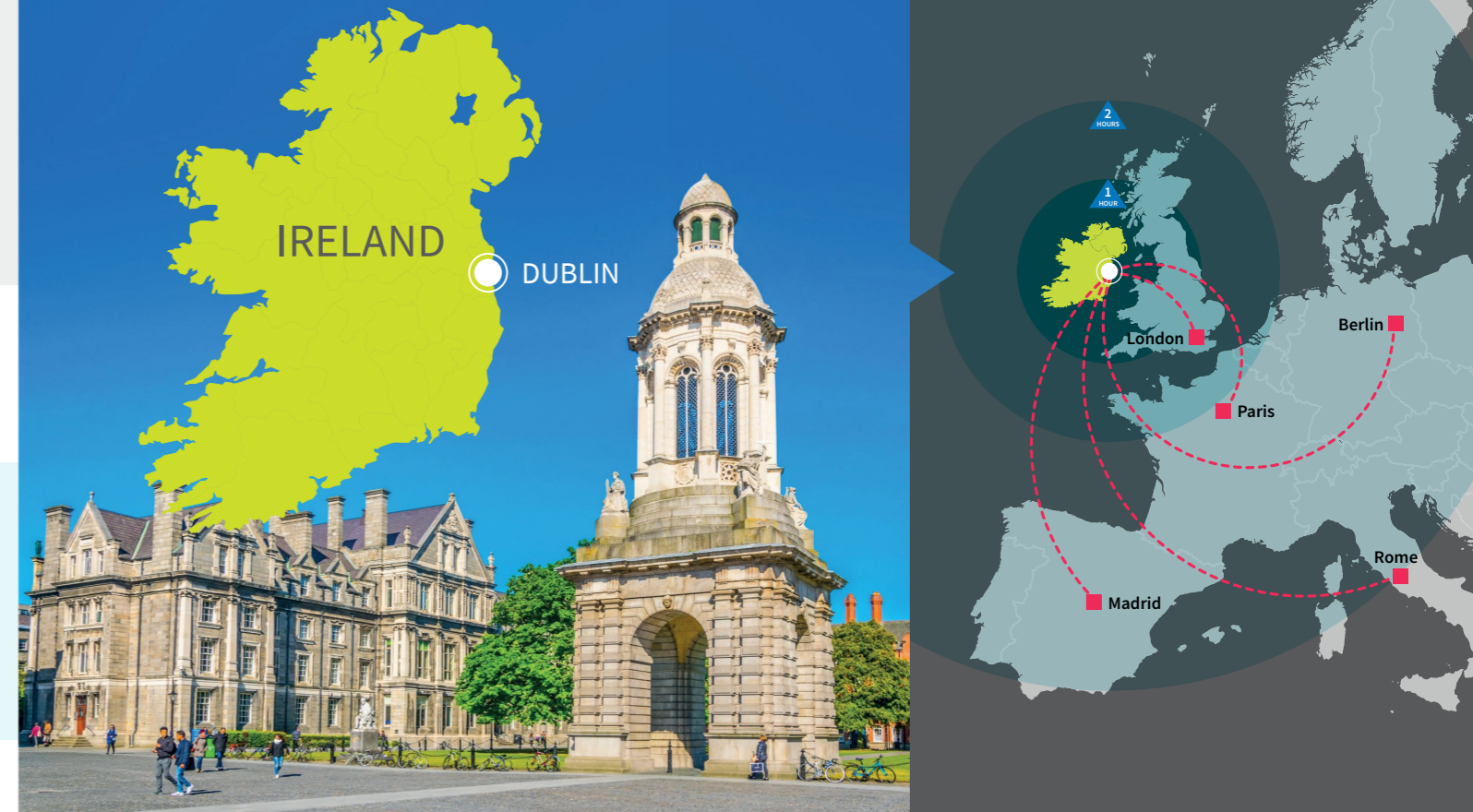
Dublin has been named the 7th best city in the world to visit in 2022. (Lonely Planet, 2022)

Trinity's central location makes it highly accessible for all forms of public transport: tram, rail and bus stops are right outside the University.

Ireland is ranked the 3rd most peaceful country in the world. (Global Peace Index 2022)

Dublin airport is 13km (8 miles) from the campus and is directly accessible via bus or taxi. www.tcd.ie/maps

As a Trinity graduate, Non-EU nationals can remain in Ireland to work for 1 or 2 years, depending on your level of study. Find out more: www.irishimmigration.ie/my-situation-has-changed-since-i-arrived-in-ireland/third-level-graduate-programme



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 IT 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 116 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).
- Applicants may be invited to complete an online programming assessment.

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 $\geq 50\%$ and achieved a level of $\geq 40\%$ 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 Dissertation 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 $\geq 70\%$ 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. Please note, the closing date for the Data Science programme is January 31st.

Fees

The fees for the current academic year are available [here: www.tcd.ie/academicregistry/fees-and-payments](http://www.tcd.ie/academicregistry/fees-and-payments). 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

Trinity Clubs & Societies

As a student at Trinity, you will be able to choose from over 50 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 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 is 1st in Europe for producing entrepreneurs for the 7th year in a row

PITCHBOOK UNIVERSITIES REPORT 2021

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.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

Airport Meet and Greet Service

New international students arriving at Dublin Airport can avail of this free service.

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 12th Most International university in the world

TIMES HIGHER EDUCATION RANKING 2022



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

www.tcd.ie/study →

Contact the School of Computer Science and Statistics by email at:
postgraduate@scss.tcd.ie

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.

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


 www.instagram.com/tcdglobal

 www.twitter.com/tcdglobal

 www.linkedin.com/company/tcdglobal

 www.facebook.com/tcdglobal

 www.tcdglobal.wordpress.com

 www.youtube.com/user/trinitycollegedublin

Trinity's Dedicated Channels In-Country

China

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

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 →

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