



## About US

TU Dublin, Ireland's first Technological University, is where career-focused students, dedicated staff and academic excellence in science, the arts, business, engineering and technology converge to create the leaders of tomorrow. We offer an inclusive and open learning experience with pathways to graduation, from Apprenticeship to PhD. Our 28,500 students learn in a practice-based environment informed by the latest research and enabled by technological advances.



TU Dublin hosts a thriving research community engaged in applying innovation and technology to solve the world's most pressing challenges. We are deeply committed to collaborating with our national and international academic partners and our many networks in industry and civic society to create new learning experiences and develop impactful research.



## Mission Statement

Located in the heart of Ireland's capital city, TU Dublin provides an innovative, responsive and caring learning environment for a diverse range and level of programmes to students of all ages and backgrounds.

In doing so, TU Dublin:

- combines the academic quality of a traditional university with career-focussed learning, discovery and the application of knowledge
- emphasises excellence in learning, teaching, scholarship, research and support for entrepreneurship,
- contributes to technological, economic, social and cultural progress, and
- is engaged with and within our community.



## Why Study at TU Dublin?

By studying at TU Dublin, you'll see a world of opportunity open up in front of you.

### More Prospects

Industry placements and a focus on practice mean that career opportunities will open wide for you the moment you walk through our door. A Tu Dublin degree gets you ready for work and will give you an edge on graduates from other colleges.

### More Time

Smaller teaching groups and class sizes ensure you get a more focused learning experience at TU Dublin. Our academics work closely with you, ensuring you get a complete appreciation of your course and subjects.

### More Living

A friendly campus made up of 20,000 students from every part of the world and all backgrounds makes for an exciting and fun place to learn and live life. From sports clubs to cultural events, our Tu Dublin community has it all.

### More Expertise

With an experienced staff of skilled lecturers and tutors, you'll get a deep understanding of your course and subjects. And you'll find out how to apply your education to real-life working environments, beyond the lecture theatre.





## Civil Engineering

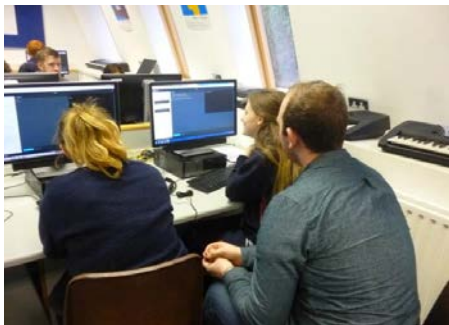
Civil engineers work on the design and construction of buildings and structures, highways, bridges, water supply and treatment systems.

This programme will equip you with the skills you need to work as a civil engineering technologist, carrying out much of the detailed analytical and design specifications in a building project. You'll develop your mathematical and analytical skills to solve many of the problems encountered in the broader civil engineering industry.



## Electrical & Control Engineering

E&CE involves analysing complex electrical and electronic circuits and power systems. In addition, for a careers in the many areas of electrical power, automation, robotics, pharmaceutical and manufacturing industries, you need computing skills, ranging from ECDL to advanced-level programming in control and automation systems.



## Computer Engineering

In this course, you'll learn how things work and how to apply your imagination to improve and invent things that we all use in our daily lives. There's growing demand for graduates with this mix of hardware and software skills, including hardware-software integration. You'll work on specially designed projects that bring together the various subjects in your course, with access to well-equipped labs.

## Analytical Chemistry (Environmental, Forensic & Pharmaceutical)

This programme, which includes rigorous scientific training and a six-month work placement, will make you work-ready. An analytical chemist is trained to use modern analytical techniques and instruments to develop strategies to detect, identify and quantify substances such as the pollutants in air and water, illegal substances in suspicious powders and the active pharmaceutical ingredients in medicinal products.

## Electronic Engineering

The programme focuses on hardware and data communications design. You'll develop the skills you need to work in all aspects of the ICT industry, including electronics, information technology, telecommunications, and computer network engineering, or you can progress to an honours degree programme. Our graduates are ideal candidates to fill many different roles in Ireland's technically advanced industries.

## Incoming Erasmus+ and Exchange Students

To study with Technological University Dublin ( TU Dublin) as an Erasmus or exchange student for a full academic year or one semester, your home university must already have an inter- institutional agreement (IIA) with TU Dublin, signed in the subject area you wish to study while here and you must then be nominated by your home University.



## How to apply

Once you have found a course you want to study the next step is to apply by following the IUT admission procedure for outgoing mobility. You can refer to your international department coordinator to determine the best option for your studies abroad.

## Cost of Living for Students Living away from home

Monthly (€)	
Rent	499
Utilities	38
Food	170
Travel	123.75
Books & Class materials	74
Clothes/Medical	39
Mobile	13
Social life/Misc.	37.50
Student Charge	333
<b>Total:</b>	<b>1,327.25</b>

## Mechanical Engineering

Mechanical engineering is the discipline that applies engineering, physics, engineering mathematics, and materials science principles to design, analyse, manufacture and maintain mechanical systems.

This programme will open up for you a wide range of opportunities in all industries. It stresses the fundamentals while embracing the changes in advanced technology. It also develops the core transferable skills that will prepare you for a career change.

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