A European student exchange programme for engineering students on Masters degree courses.
CONCEPT

A rapidly changing environment requires broader, flexible skills from the engineers of tomorrow.
UNITECH
University-Industry Engineering Education

- International programme designed to prepare engineers for professional careers as business leaders

- Three components over 12 months:
  - Academic Exchange:
    - 1 (or 2) Semesters at a partner university in Europe
  - Industrial Internship:
    - 6 months with a corporate partner in Europe (paid)
  - Management and Leadership training:
    - 3 intensive weeks at different universities
A semester at one of these universities
The UNITECH Network

- Loughborough University
- Trinity College Dublin
- CRH
- Boston Scientific
- Danfoss
- TU Delft
- Caterpillar
- INSA de Lyon

Institutional Partners:
- Chalmers
- RWTH Aachen
- SKF
- Evonik
- Vorwerk
- Infineon
- ZF
- Hilti
- Buhler
- Geberit
- ETH Zürich
- Politecnico di Milano
- ENEL
- Vodafone
Unitech Industrial Partners

6 month internship at one of these companies
MAI Degree & Unitech

- The 5-year integrated BAI/MAI degree course was established in TCD to meet the education qualification requirements for Chartered Engineers.
- The Unitech programme is available to students who intend to complete all five years of the BAI/MAI course.
- These students can participate in the Unitech programme in their SS year.
UNITECH and you

- Jan 2017: Apply for admission to Unitech
- May 2017: Complete JS Engineering
- Sept 2017: Spend a semester at a European University
  - Courses in English or local language (30 Credits)
- Jan/Feb 2018: Start 6 month internship
  - TCD Module 4E4 (30 Credits) – report-based assessment
- Sept 2018: Return to TCD and complete 5th Year†
- June 2019: Graduate with BAI, MAI degrees

† Academic fees payable
Programme Overview

- JS Engineering
- SS Academic Exchange
- MAI Engineering
- SS Internship (4E4)
COACHING AND TRAINING

Intensive professional coaching and training

- Start-up, mid-term and end-of-year weeks
- External coaches
- Representatives from our Corporate Partners

Coaching focuses on
- Teamwork, Leadership, Culture
- Guidance on career planning
- Students work on a case study for a Corporate Partner
You graduate from UNITECH after completing:
- The UNITECH program
- Your TCD course (BAI/MAI)

After graduation:
- You become a Fellow of the UNITECH International Society.
- Graduates also join the UNITECH Alumni Association, offering life long international contacts in industry. Our Alumni association currently boasts over 400 members.
Admission to UNITECH

- Competitive: student selection by
  - TCD (academic) and
  - UNITECH International (other qualities)
- Formal application (online) January 2017 – Deadline Feb 1st
  - [www.unitech-international.org](http://www.unitech-international.org)
  - TCD Application Workshop in January 2017
  - Short-listing by TCD (~18 students)
- Assessment Day: March 3rd 2017 (Friday of Week 7!)
  - Selection by staff from Unitech engineering companies
  - Interview and presentation
- JS Students considering applying:
  - Send an ‘expression of interest’ email to Deirbhle.OReilly@tcd.ie
OPPORTUNITIES FOR STUDENTS

- UNITECH helps you to gain international experience.
- Work together with top students from other universities.
- Experience a different education and student culture.
- Receive training and guidance from professionals in industry.
- Learn skills you do not acquire during your “normal” studies.
- Improve your employability and ability to find the job you want.
- Build a life-long international network.