Innealtóireacht Struchtúr
Structural Engineering

Programme Description
The BE in Structural Engineering is a four year Honours degree programme. Students enter second year following completion of the common first year in Engineering (TU805).

Career Opportunities
Structural engineers are concerned with the design and construction of buildings, bridges and special structures. They form part of the team of professionals involved in construction projects and thus work closely with Architects, Quantity Surveyors and Building Services Engineers. Graduates of Structural Engineering have excellent employment prospects with consulting engineering design offices, contractors, as well as state and semi-state agencies and local authorities.

Progression
Graduates have access to a range of Masters (Level 9) and PhD (Level 10) degrees in TU Dublin and elsewhere in Higher Education. Graduates would be suited in particular to the ME in Sustainable Infrastructure offered within the school.

Programme Outline
Year Two

Year Three
Mathematics, Structural Analysis, Concrete Design, Steel Design, Mechanics of Materials, Professional Development, Geotechnical Engineering, Structural Design Project, Laboratory Work

Year Four

Further Information
Dr. Niall Holmes, Assistant Head of School
+353 1 402 4039
niall.holmes@tudublin.ie

Ms. Caroline O’Dowd, School Administrator
+353 1 402 3711
caroline.odowd@tudublin.ie

Award
Honours Degree (Level 8)

Entry requirements
Completion of TU805 (CAO 2019 400pts)

Duration
3 Years (following completion of TU805)

Location
TU Dublin Bolton Street