

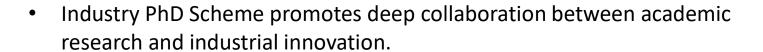
School of Engineering Industry PhD

Bridging academia and industry through doctoral research

Associate Professor Breiffni Fitzgerald
Director Postgraduate Teaching and Learning (DPTL)
School of Engineering

Trinity School of Engineering – Industry PhD





- Designed to co-create impactful research while developing highly skilled PhD graduates.
- Project grounded in real-world industry challenges with academic rigour.



Programme Structure: Full-time (4 years) or Part-time (6 years).

Mutual Value for Industry and Academia

For industry:

- Access to cutting-edge research and academic expertise.
- Shape research direction to align with business needs.
- Early access to emerging talent.
- Potential IP generation and licensing.

For TCD:

- Real-world context for fundamental research.
- Strengthened ties to innovation-driven sectors.
- Enhanced student employability and applied skills.

Collaboration model:

Joint supervision, shared thesis committee, tailored workload.



Industry PhD structure

Supervision & Governance:

- Doctoral agreement outlines expectations.
- Thesis committee: Academic supervisors, Industry mentor, Two independent experts.

Requirements:

- Detailed proposal showing novelty and PhD-level depth.
- Structured training plan aligned with Trinity's ECTS framework.

IP Management:

- Shared or fully licensed IP using TR&I template.
- Clear upfront agreements to protect all parties

Career & Development:

- Dual mentorship with industry and academic advisors.
- Strong professional and academic development pathways.



Applications now Open for September 2025 Intake!

- All applicants can now apply directly using our online system: www.tcd.ie/courses
- PhD researcher entry requirements
 - See admissions Requirements for PG applicants <u>www.tcd.ie/study/apply/admission-requirements/postgraduate/</u>
 - Subject related third level qualification 2.1 honours degree from an Irish university or equivalent
- Company eligibility requirements
 - Companies: Must have active, ongoing R&D capability. Eligibility assessed by DPTL and Director of Industrial Engagement.
 - PhD fees
 - Bench fees (~€10,000/year) support research activities; negotiable.

