

Graduate Internship in Validation Technology

The **School of Chemical and Pharmaceutical Science TU Dublin** are partnering with **NIBRT** and selected biopharmaceutical companies to offer an internship for Science and Engineering Graduates. The aim of this internship is to allow graduates to gain the skills and education needed to take up validation roles in the biopharmaceutical industry.

Internship Structure: Level 9 Postgraduate Certificate in Validation Technology

September – December 2019

8 weeks of part-time theory and practical education and training **pre-employment** preparation at NIBRT.

- Academic Modules (aligned with the TU Dublin MSc in Pharmaceutical Validation Technology)
 - Fundamentals of Process Validation - 5 ECTS credits
 - Fundamentals of Equipment Qualification - 5 ECTS credits
- Practical Workshops at NIBRT covering biopharmaceutical processing unit operations and facilities and utilities delivered to include a qualification and validation focus.

January 2020 – December 2020

- **Internship** Commences in Biopharmaceutical Company (One Year Duration)
- **Education** continues with online delivery of academic modules (aligned with the TU Dublin MSc in Pharmaceutical Validation Technology)
 - January 2020 Online Modules
 - Computer Systems Validation - 5 ECTS credits
 - Quality Risk Management - 5 ECTS credits
 - September 2020 Online Modules
 - Cleaning Validation - 5 ECTS credits
 - Elective Module (API or Biologic) - 5 ECTS credits

Upon completion, graduates have completed a **1 year internship** in validation in a biopharmaceutical industrial environment along with a 30 credit **Postgraduate Certificate** in Validation Technology. Graduates can advance their academic qualifications to complete the MSc in Pharmaceutical Validation Technology with TU Dublin.

Entry Requirements

This programme is open to students who have obtained an honours degree (2.2 grade or higher) or equivalent, in an appropriate discipline (Engineering or Life Sciences).

Due to the considerable competition for our postgraduate programmes, satisfying the minimum entry requirement is not a guarantee of a place on the programme. Applications will be assessed on student's academic grades, and may also take into account work/life experience. Applicants will be required to attend for interview for the internship.

Application Procedure

Expressions of interest and CV's should be sent to Melissa Hoare, NIBRT – melissa.hoare@nibrt.ie