

Bachelor of Science (Hons) in Quality for Industry



Bachelor of Science (Hons) in this two-year Level 8 programme, developed in consultation with the MedTech industry specifically to meet their unique needs, can provide the essential stepping-stone in your career within or into this industry. This programme provides students with the skills and expertise to fulfil key roles in Quality Management, Regulatory Affairs, Product Design and Quality Engineering.

Course Title	Credits	NFQ Level	Campus	Duration
Bachelor of Science (Honours) in Quality for Industry	60	8	Galway	Two years (Part-time)



Ollscoil
 Teicneolaíochta
 an Atlantaigh

Atlantic
 Technological
 University



www.atu.ie



Why Undertake this Course?

All aspects of medical device manufacturing depend on the continuous management of quality. To manage quality effectively, one must understand the various systems and practices and appreciate the regulations and standards on which these systems and practices are based. Allow the experienced lecturing team at ATU, along with industry guest lecturers, take you through the essential modules for a career in MedTech, including everything from Design QA to Regulatory Affairs and all the practical skills like Risk Management, Statistics and Technical Writing. The lecturing team pride themselves on ensuring each student succeeds to the best of their ability and are fully familiar with the underpinning principles and the essential practical skills sought out by industry hiring managers.

The aim of this programme is to meet current and growing MedTech industry needs, locally, nationally and internationally.

What to Expect

This honours degree programme is delivered 2 nights per week over 2 years. Year 1 is a standalone 40-credit programme. On successful completion of Year 1, the student will be awarded a **Certificate in Quality for the Medical Device Industry (Level 8)**. On successful completion of the add-on 20-credit Year 2, the student will be awarded the **BSc (Hons) in Quality for Industry (Level 8)**.

While this programme is based in ATU Galway, delivery is blended and depending on the context of the topics will include a flexible and varied mix of online lectures, on site seminars as well as some online and on-site workshops.

Course Content

	SEMESTER	MODULE	CREDITS
YEAR 1	Sem 1	Statistics & Experimental Design	10
	Sem 1	Quality Management Systems & Frameworks	5
	Sem 1	Technical Writing & Case Studies	5
	Sem 2	Statistics & Experimental Design (continued)	
	Sem 2	Design Quality Assurance	5
	Sem 2	Regulatory Affairs	5
	Sem 2	Research Project	10
YEAR 2	Sem 1	Quality Management Operational Excellence	10
	Sem 1	Microbial Quality Assurance	5
	Sem 2	Quality Management Operational Excellence (Cont.)	
	Sem 2	Risk Management	5

Entry Requirements

Applicants must hold a Level 7 award in Business, Engineering or Science. Applicants who do not hold a formal Level 7 award may apply for recognition of their previous work experience and/or their previous academic studies as per the RPL (Recognition of Prior Learning) policy of ATU.

I want to know more.
Who can I talk to?

Department of Graduate Studies and Professional Development
E learn.galwaymayo@atu.ie
Or find out more at www.gmit.ie

Industry Testimonials

“The modules associated with ATU’s BSc in Quality for Industry are very relevant to our work here in Medtronic and their completion would certainly support employee’s future career advancement at Medtronic”.

Ruth Callanan, Senior Quality Manager, Medtronic.

“The Level 8 programme is a holistic offering designed to meet the needs of the Medical Device Industry, which from a Quality and Regulatory perspective is undergoing significant changes in recent years. Students of this programme will benefit from knowledge of current and relevant Quality Practices, the interpretation and application of standards and Technical & Research Skills.”

Niamh Nolan, Design QA Manager, Creganna Medical

“The ATU Quality for Industry degree programme has great relevance to quality professionals working in industry today. I would have no hesitation in recommending this course to any prospective Quality professional.”

Anne Gannon, Quality System Manager, Novate Medical

Student Testimonials

“The level of pastoral care from the ATU lecturers on the level 8 Quality for Industry programme was second to none. The level of time and effort invested by ATU lecturers, not just in academic progress, but the wellbeing of their students was remarkable.”

Sean Finn, graduate of the BSc (Hons) in Quality for Industry and Head of Quality and Network Operations for VIOTAS

“The volume of material was always manageable, and I held down a full-time job, I have 2 small kids and I still felt I had enough time to complete the course. The lecturers were also supportive in this regard and were flexible to everyone’s personal situation”.

Padraic MacDonnacha, graduate of the BSc (Hons) in Quality for Industry

“As I was working full time, the ATU education structure of part time, evening and online modules of the course suited me very well. I cannot thank all my lecturers enough for delivering the immersive course material in such a comfortable, fun and interactive environment, this made my learning experience so positive, pleasant and efficient.”

Maria Pokidaeva, graduate of the BSc (Hons) in Quality for Industry

How to Apply

Apply directly through ATU. Please login at <http://apply.gmit.ie/> and select Application Type **L8 - GSPD**

Level 8.



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