

Bachelor of Science Honours in

Applied Industrial Science

Industry
Experienced
Lecturers

This new and innovative Level 8 BSc Honours Applied Industrial Science intensive workplace-based programme offers a new mode of study blending workplace-based activities and learning with online academic study. That is, this programme provides the opportunity for employees to combine online study of industry-related academic modules with completion of Workplace-Based Learning, anchored in the workplace.

This provides a robust, efficient, and cost-effective means of study towards a Level 8 degree, from the student's place of employment, and is designed to enhance personal subject-based and transversal skills/ competencies to enhance graduate employability and advancement.

Course Title	Credits	NFQ Level	Campus	Duration
BSc Honours in Applied Industrial Science	60	8	ATU Sligo Online	1 year



Scan QR Code
directly to
BSc (Hons)
Applied
Industrial Science
Level 8

Entry Requirements

The programme is open to employees who hold a cognate Level 7 qualification, anchored in an appropriate industrial science-based workplace for the duration of the programme.

Given the Workplace-Based Learning requirements of the programme, which necessitates employment in a cognate industrial science-based workplace, all learners will have to verify there is a suitable agreement in place with their employer to facilitate entry and their undertaking this programme, and that the employer is willing to support completion of workplace-based activities and a project anchored in the workplace.



Target Applicants

This programme inherently requires the completion of workplace-based modules and so applicants must be employed in a cognate industrial science-based workplace throughout the duration of the programme. Given the intensive one-year period of study of 60 ECTS, this mode of study is targeted at highly motivated and engaged individuals that seek to upskill to BSc Honours from the workplace. It is envisaged that this programme will facilitate progressive workplaces to support employee advancement, reskilling, cross-skilling, and Continuing Professional Development.

Programme Structure

This innovative programme combines a blend of Workplace-Based Learning Modules plus Online Academic Modules undertaken over two Semesters comprising one Academic Year

This latest programme offering from the Department of Life Sciences at ATU Sligo has been developed in conjunction with industry to allow employees the opportunity to study towards a Level 8 BSc Honours qualification whilst they are working. Graduate of the BSc Honours in Applied Industrial Science programme will therefore have gained relevant academic knowledge and industry-based skills throughout their studies which should enhance employability and career advancement.

SEMESTER 1 INDIVIDUAL MODULES OF STUDY	ECTS
WORK PRACTICE	10
RESEARCH METHODS (ONLINE)	5
BIOCONTAMINATION CONTROL (ONLINE)	5
AUDITING AND COMPLIANCE (ONLINE)	5
OPERATIONS MANAGEMENT AND GMP (ONLINE)	5
SEMESTER 2 INDIVIDUAL MODULES OF STUDY	ECTS
PROJECT AND WORK PRACTICE	15
BIOPHARMACEUTICAL FACILITIES AND UTILITIES (ONLINE)	5
BIOANALYTICS (ONLINE)	5
VALIDATION AND CALIBRATION (ONLINE)	5
TOTAL	60 ECTS



Further Study

Having engaged in workplace-based and online learning, high-achieving graduates of the Level 8 Applied Industrial Science programme should be well-prepared for progression onto relevant online or campus-based Level 9 Masters programmes at ATU Sligo or elsewhere.

For further information

ATU Sligo
Online and Part time Admissions
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Flexible Learning Hub

