2024

Streamline Your Path to Higher Education

University of Bolton – BEng (Hons) Software Engineering (Top-Up)

Generation
Curiosity. Experience. Knowledge.

Why Choose Sí?

Sí provides students with flexible, stackable qualifications in various career pathways, recognised worldwide. Our programme is designed for individuals seeking to fast-track their academic and professional goals. Through comprehensive courses and partnerships with top universities, Sí prepares students for successful careers and advanced degrees.

Programme Goals

- Provide foundational and advanced skills to prepare students for career readiness and further study.
- Offer flexible, stackable qualifications with seamless progression from diplomas to degree programs.
- Deliver globally recognised qualifications accredited by ATHE and Qualifi, enhancing international career and academic opportunities.

Key Benefits

- **Flexible Learning:** Study at your own pace with online courses facilitated though WINC.
- **Global Accreditation:** Earn qualifications recognized by ATHE and Qualifi, opening doors to international career and academic opportunities.
- **Industry-Relevant Learning:** Engage in practical assignments and case studies that reflect real-world challenges, enhancing your employability.

Accreditation & Partnerships

Sí courses are accredited by ATHE and Qualifi, and recognised on the Ofqual Register. Our academic partnerships with prestigious institutions, such as the University of Bolton and Bangor University, provides seamless progression for students who wish to continue their studies with a Bachelor's top-up degree.

University of Bolton – BEng (Hons) Software Engineering (Top-Up)

120 credits – 12 months

Programme Structure

Course Overview

The BEng (Hons) Software Engineering (Top-Up) programme enhances students' skills in software design, development, and testing. It focuses on advanced programming, system architecture, and real-world applications, preparing graduates for careers in software engineering and development.

Assessment Methods

Students are assessed through formative and summative assessments within their modules of study and are required to complete a dissertation.

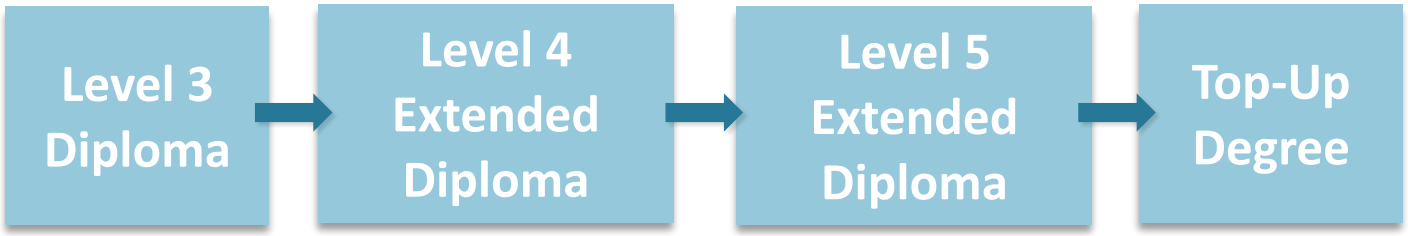
Admission

Applicants with Level 5 qualifications or two years of university study may transfer to the final year of the BSc programme. Students may need to demonstrate English at IELTS LEVEL 6.0.

Technical Requirements

Our platform is fully technology-driven; therefore, students will need a reliable PC, laptop, or tablet, or regular access to the aforementioned.

Students will need a stable internet connection with sufficient data to access online resources and participate in programme activities.



Course Structure

1. UNDERGRADUATE PROJECT (60 credits)

This module empowers students to independently tackle substantial computer science projects. They start with a well-structured proposal, setting clear, justified objectives. Independently, they apply practical skills, fostering innovation and analytical thinking. The module emphasises self-management, self-evaluation, and aligning the project with personal skills and career goals, cultivating lifelong learning and adaptability.

2. AGILE PROGRAMMING (30 credits)

This module introduces software engineers and computer scientists to agile methodologies, emphasising practical experience in groups. It focuses on agile management practices, testing strategies, and critical thinking. Students are expected to independently formulate and justify their approaches to management and testing. Key attributes developed include effective communication and collaboration skills.

3. ENTERPRISE SYSTEMS DEVELOPMENT (30 credits)

This module aims to merge software development skills by creating complex enterprise systems for business problem-solving. It emphasises enterprise software development, encompassing design, technologies, and standards, along with addressing communication, decision-making, and commercial aspects. The focus is on aligning business systems with problem-solving, fostering self-awareness, and an enterprising mindset.