

University Bachelor of Technology (B.U.T.)

Quality, Logistics and Industrial Organisation (QLIO)

The **Bachelor of Technology in Quality, Logistics and Industrial Organisation** focuses its training on the organization of the production of goods and services, the management of physical and information flows and the control of the quality of products and processes. Graduates with a B.U.T. QLIO work in both the industrial and service sectors.

Skills

The common skills to the core activity developed during the B.U.T. QLIO are:

- **Managing the company using quality tools and standards**

In the context of change management, the graduate guarantees that the requirements of a quality standard are respected and is able to control and manage the company using quality tools and standards.

- **Managing physical and information flows**

In the context of production management, and using a continuous improvement approach, the graduate is able to improve the circulation of flows in order to make a production system more efficient.

- **Organising the production of goods or services**

In the context of the implementation of a production system and project management, the graduate is able to make a production system evolve.

These skills aim to improve performance and ensure the operational excellence of companies producing goods and services.

Career prospects :

Technician or manager in the following fields: production management, planning, scheduling, quality control, procurement, inventory management and continuous improvement.

Study tracks

- The **study track in Management of the production of goods and services** focuses on the management of a team in production, logistics or quality. It thus integrates two dimensions: **a technical dimension** focused on performance management and flow optimisation, taking into account the issues of quality, costs, deadlines, safety, environment and sustainable development & **a human dimension** centred on leading and improving the activities of employees and on team dynamics, by encouraging collective intelligence and the development of skills.

Career prospects :

Production manager, autonomous production unit manager, workshop manager.

- The **study track in Digital Transformation Support** focuses on supporting the digital transformation of the company by organising and managing its production processes using permanent technological innovations (cobotics, arti-

ficial intelligence, Big Data, augmented reality, connected devices, etc.).

Career prospects :

Logistics platform manager, logistics information system planner, supply chain manager

- The **study track in Digital Transformation Support** focuses on supporting the digital transformation of the company by organising and managing its production processes using permanent technological innovations (cobotics, artificial intelligence, Big Data, augmented reality, connected devices, etc.).

Career prospects :

ERP software configuration technician, IT project manager, information systems architect, information system auditor, coordinator - integrator of digital processes, data manager.

- The **Managing Quality and Integrated Management Systems** study track focuses on the organisation, diagnosis and improvement of company activities in the fields of Quality, Hygiene, Safety, Health, Environment and Sustainable Development. The aim is to design and implement a quality policy that takes into account the aforementioned dimensions, and which is in line with the company's strategic orientations. Another important goal is to support and prepare the company for the monitoring and/or obtaining of certification standards.

Career prospects :

QHSE coordinator, QHSE project manager, risk prevention manager/advisor, food health and safety manager, environment/sustainable development manager.

Entry requirements

The QLIO B.U.T. is open to high school graduates from **general or technological backgrounds** or to those changing study path.

Admission is based upon examination of academic records. When considering applications, some departments might require an interview. The B.U.T. can also be prepared within the Lifelong education scheme or on a vocational basis (apprenticeship training or work-based learning). The diploma can also be delivered on Accreditation of Prior Experiential Learning (APEL).

B.U.T. Quality, Logistics & Industrial Organisation in France

