

Branch : Food technology



Code: BRBETE

Option: Brewing and beverage technology

Level: Bachelor

Prerequisites: Scientific baccalaureate or equivalent

Opportunities:

Most students continue their studies after the Bachelor's degree with the subsequent Master's degree in Brewing and Beverage Technology. Graduates find jobs mainly in the beverage industry, breweries or malt houses, but also in the food and chemical industry and in plant construction. Possible tasks in the subsequent profession could include

Organization, monitoring and optimization of production processes

Quality assurance in ongoing production operations

Organization of the associated operating technology

Planning and design of new plants

Development of new production processes

Purchase and evaluation of raw materials

Description

The Bachelor of Science degree in Brewing and Beverage Technology deals with the technical, biological, and technological and biochemical processes of beverage production and beer brewing.

The Brewing and Beverage Technology degree program covers the scientific and technical aspects of beer brewing and beverage production in general. Other key content includes quality assurance, general operations technology and business administration in the beverage industry. Topics covered include

Purchasing and evaluation of raw materials

Organization and optimization of individual production steps for beverage manufacturing

Implementation of quality assurance systems

New construction or conversion of production plants and supply facilities

Control of analytical and sensory properties of products

Development of new beverages

Quality and competences:

Graduates of the Bachelor of Brewing and Beverage Technology program are able to:

- Produce beverages and test them analytically and sensorial,
- Understand and control production processes ,
- Design and plan brewery plants,
- Apply fermentation techniques for beer production,
- Select and test raw materials for beverage production,
- Analyze the economics of manufacturing processes.