

# Branch : Agriculture



**Code :** AGHOSC

**Option :** Agricultural and horticultural sciences

**Level :** Bachelor

**Prerequisites:** Scientific baccalaureate or equivalent

**Opportunities :**

With the degree, a diverse professional field with very good career prospects opens up to you, such as: agricultural companies, agricultural technology industry, feed manufacturers, fertilizer industry, plant breeding, production technology consultancy, crop associations, food processing and trade, agricultural software companies, public administration, banks and insurance companies, professional and trade associations. In addition, you are qualified for advanced master courses.

**Description**

This degree programme deals with the scientific, economic and ecological principles and processes of plant and animal production. The objective is the sustainable safeguarding of food and resources.

**Quality and competences :**

As a graduate, you will understand the systems of the agricultural and horticultural business sectors. You will be able to solve problems related to the production and marketing of quality plant and animal foodstuffs and non-food products in a goal-oriented manner. You will use specialist knowledge and interdisciplinary methodological skills.

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You think and work in a networked and analytical way and apply your methodological knowledge in a targeted manner. In addition, the experience gained in the project-based modules will enable you to apply your theoretical knowledge to the solution of specific technical problems and to transfer it into practice. Your methodological understanding and in-depth knowledge of chemical and biochemical analysis, molecular genetics and biotechnology, analysis of material and energy flows in arable and horticultural ecosystems as well as farm and market analysis will serve as a basis. Depending on your choice of course, you will also have specialist skills in agricultural science or horticultural science.

The understanding of biological, ecological, economic and commercial contexts gained during your studies will enable you to analyse social requirements responsibly and competently and to recognise conflicting objectives.

With the detailed knowledge of the value-added chains from primary production through processing to the product, you will be able to assess the significance of climate and environmental influences as well as social and political factors and to develop proposals for solutions