



**WEIHENSTEPHAN · TRIESDORF**  
University of Applied Sciences

# Master degree programme Food quality

Weihenstephan/Triesdorf

# Short profile

- Degree
  - Master of Engineering (M.Eng.)
- Standard period of study
  - three full-time semesters incl. master's thesis (90 ECTS)
- Two study areas:
  - Product development (Weihenstephan + Triesdorf)
  - Product safety (Weihenstephan)
  - One mutual winter semester of both study areas at Campus Weihenstephan

# Short profile

- Only a few compulsory modules
- Wide choice of required elective modules
- Study language
  - German
  - Required Level: B2 CEFR
- Required elective module English (individual level)

# Career opportunities

- Study area product development
  - Development and technical implementation of new food products taking into account various aspects, e.g. procurement of raw materials, declaration of products, sensory analysis, marketing, cost accounting
  - Development of appropriate problem-solving strategies in challenging cases, based on a sound knowledge of the legal requirements
- Study area product safety
  - Rating products (risk management)
  - Developing and implementing safety measures
  - Optimizing existing processes
- Both areas of study
  - Targeted collection of data and their appropriate evaluation
  - Goal-oriented project management

# Potential employers in Germany and abroad

- Companies and organisations in food sector
- Upstream and downstream industries
- Trade and services companies
- Related industries such as the pharmaceutical industry



# Study places

- Study area Product safety
  - Winter semester: 25 study places
- Study area Product development
  - Summer semester: 15 study places
  - Winter semester: 10 study places



# Application/Admission

- Study area need to be selected at time of application
  - Opportunity to apply for both study areas in winter semester
- Qualification requirements
  - A university degree in undergraduate study programmes like brewing and beverage technology, nutrition and supply management, food management and food technology with at least 180 ECTS or six semesters. Alternatively, an equivalent degree from a German university or from a foreign university fulfills admission requirement.
  - There is no „minimum grade“, selection is based on ranking through all applicants.

# Application/Admission

- Application period
  - Start winter semester: beginning of May until 15 July
  - Start summer semester: beginning of December until 15 January
- Submission of the bachelor certificate
  - Start winter semester: 15 August
  - Start summer semester: 24 Februar
- Admission restrictions, ranking of the applications received per area of study
- Approval is possible after evaluation of all applicants!



# Professors



# Cooperations

- Courses offered by four faculties of HSWT
- Bavarian State Research Center for Health and Food Safety

Bayerisches Landesamt für  
Gesundheit und Lebensmittelsicherheit 

- Management Center Innsbruck



# Master degree programme Food quality

across campuses

Triesdorf (Weidenbach)

Weihenstephan (Freising)



# Compulsory modules for both study areas

- Special aspects of food law
  - Prof. Dr. Eckhard Jakob, Prof. Dr. Mirjam Jaquemoth,  
Prof. Dr. Ulrike Machold, Dr. Ulrich Busch, ...
- Project management
  - Prof. Dr. Özlem Özmutlu Karslioglu
- Qualitative and quantitative methods
  - Prof. Dr. Klaus Menrad, Prof. Dr. Anton Buchmeier,  
Dr. Agnes Emberger-Klein

Study area Product development	
SS	Innovation & product development (Block - 5 EC)
	Consumption and market research (Block – 5 EC)
	FWPM (5 EC)
Development project (15 EC)	
Sum 30 EC (ECTS)	
WS	Special aspects of food law (5 EC)
	Project management (5 EC)
	Qualitative and quantitative methods (5 EC)
WPM English (5 EC)	
FWPM (5 EC)	
WPM (5 EC)	
Sum 30 EC (ECTS)	
SS/WS	Master's thesis (30 EC) (cooperation with a company or research institute in Germany or abroad possible)
	Sum 30 EC (ECTS)



Study area Product safety		
Special aspects of food law (5 EC)	Project management (5 EC)	Qualitative and quantitative methods (5 EC)
WPM English (5 EC)	FWPM (5 EC)	WPM (5 EC)
Sum 30 EC (ECTS)		
Process management and product safety (5 EC)	FWPM (5 EC)	FWPM (5 EC)
FWPM (5 EC)	FWPM (5 EC)	FWPM (5 EC)
Sum 30 EC (ECTS)		
Master's thesis (30 EC) (cooperation with a company or research institute in Germany or abroad possible)		
Sum 30 EC (ECTS)		

**Mandatory Module**

- Teaching in Weihenstephan
- Teaching in Triesdorf
- Teaching in Triesdorf or Weihenstephan

<sup>1</sup> The study area product development can also be started in the WS. In this case, the theoretical study semesters take place in reverse order (1st study semester WS, 2nd study semester SS).

WS

## Study area Product development

## Study area Product safety

Scientific required elective modules (FWPM) and required elective modules (WPM)							
<b>WS</b>	Research or industrial project (5 EC)	Animal welfare along the value chain (5 EC)	Genetic engineering (5 EC)	<b>WS</b>	Research or industrial project (5 EC)	Research or industrial project (10 EC)	Genetic engineering (5 EC)
	Language (5 EC)	Maintaining post-harvest quality (5 EC)	Molecular Biological Methods of Food Analysis (5 EC)		Language (5 EC)	Animal welfare along the value chain (5 EC)	Molecular Biological Methods of Food Analysis (5 EC)
	Quality of agricultural products (5 EC)				Quality of agricultural products (5 EC)	Maintaining post-harvest quality (5 EC)	Innovation management (5 EC)

Scientific elective modules (FWPM) and elective modules (WPM)							
<b>SS</b>	Research or industrial project (5 EC)	Functional ingredients (5 EC)	Genetic engineering (5 EC)	<b>SS</b>	Research or industrial project (5 EC)	Research or industrial project (10 EC)	Genetic engineering
	Language (5 EC)	Quality control, analytics and legislation on hazardous substances and pesticides (5 EC)	Critical consideration of science (5 EC)		Language (5 EC)	Hygienic Design (5 EC)	Critical consideration of science (5 EC)
	Hygienic Design (5 EC)	Communication in crisis management (5 EC)	Animal welfare along the value chain (5 EC)		Communication in crisis management (5 EC)	Animal welfare along the value chain (5 EC)	Consulting, communication und negotiation (5 EC)
	Consulting, communication und negotiation (5 EC)	Financial management of companies (5 EC)	Business management, HRI, tax, law (5 EC)		Consumer studies (5 EC)	Financial management of companies (5 EC)	Business management, HRI, tax, law (5 EC)
	International trade in the agr. and food industry (5 EC)				International trade in the agr. and food industry (5 EC)		

- Teaching in Weihenstephan
- Teaching in Triesdorf
- Teaching in Triesdorf or Weihenstephan
- Modules of LGL (Bavarian Institute for Health and Food Safety)
- Modules of Master Agr. management at Campus Weihenstephan

# Required elective module Languages

## Natalia Romano-Brandt, ...

- Further English language courses
- Further languages Level A1 CEFR
  - Spanish, French, Italian, Russian
- Further languages Level A2 CEFR
  - Spanish, French, Italian, Russian
- As part of the required elective language module, students whose native language is not German can also take German courses at level B2 CEFR.



# Your contact persons

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**Thank you**  
for your attention!

*Applied Sciences  
for Life*