



COURSE CARD: E3S - A - BOKU - 4

- University: University of Natural Resources and Life Sciences, Vienna (Austria)
- Course: Applied Quality Management Exercises (compulsory subject)
- Course code: 754305
- Credits 6
- Language: German
- Instructors: Klaus Dürschmid, Kneifel Wolfgang, Schleining Gerhard, Mundigler Norbert, Strobl Martina, Zunabovic Marija
- When: whole year course
- Content: The exercises consist of 3 units, each 3 working days, where chemical and hygiene analysis are compulsory and 1 unit must be selected, either Sensory Analysis or Physical Analysis or Case Studies.
- Chemical Analysis: The unit is performed as team of 2 persons. Main emphasis is the chemical analysis of food.
 - Hygiene Analysis: Application of latest microbiological detection methods for food and interpretation of the obtained results. Thematic priorities are foods of animal origin e.g. fish and meat in all process stages and also final products (from farm to fork). All methods applied are according to the official standard methods.
 - **Sensory Analysis: The unit is performed as team of 8 persons. Main emphasis is the estimation of sensory properties of food, the application of multivariate statistical methods, as well as the practise of personals skills. Techniques of team work, written and oral communication will be practiced as well.**
 - Physical Analysis: The unit can be carried out as single or in a team of max. 8 persons. Main emphasis is the physical analysis of food, the application of design of experiments (DOE) and analysis of variance, as well as the practise of personals skills.
 - Case Studies: The unit practically trains the preventive concept to solve problems (originating from different sources) and to avoid potential risks.

E3S – European Sensory Science Society
via della Cernaia 21, 50129, Florence (Italy)

www.e3sensory.eu



Textbook: no

Requirements: -

For whom: MSc students “Food Science and Technology” and “Safety in the Food Chain”

Students (n): ~120 students / year

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<https://online.boku.ac.at/BOKUonline/webnav.ini>

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