



COURSE CARD: E3S - GER - UASHAM - 1

University: Hamburg University of Applied Sciences, Germany

Course: Sensory Analysis (Introduction)

Course code: 4050

Credits: 5

Language: German and English (English only throughout the summer semester)

Instructors: Prof. Dr. M. Busch-Stockfisch, Prof. Dr. A. Bauer

When: each semester

Contents: Course contents:

- Introduction to sensory perception (physiology)
- Panellist selection and training, screening tests; threshold testing, testing colour and texture perception of panellists, perception of aroma qualities
- Setting up a sensory laboratory
- Descriptive methods
- Discrimination tests
- Hedonic / affective tests
- Sensory methods for application in quality management
- Statistic methods for data analysis, interpretation of the results
- Introduction to software for sensory data collection and data analysis
- Documentation of sensory tests

Course objectives:

- Students will be able to select and train panellists for sensory evaluation, and monitor panel performance.
- Students will become familiar with the planning, and the execution of sensory tests, both with and without having hard- and software for sensory evaluation at hand. This includes the selection of appropriate sensory methods, the statistic analysis of the data, and the interpretation and communication of the results.

Textbook: Handout, Reference list

E3S – European Sensory Science Society
via della Cernaia 21, 50129, Florence (Italy)
www.e3sensory.eu



Requirements: Statistics (basic)

For whom: BA- Students (4th semester)

Students (n): 15 per group, 2-3 groups per semester

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