**WP III: Food modules (elective)**

<table>
<thead>
<tr>
<th>Number/Code</th>
<th>F42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module Name</td>
<td>Organic food processing and food quality</td>
</tr>
<tr>
<td>Type of Module</td>
<td>Food module (elective)</td>
</tr>
</tbody>
</table>

**Educational Outcomes, Competencies, Qualification Objectives**

Students will be able to:
- define food quality and quality systems in agriculture and food industry
- discuss principles of organic food production (agriculture, processing) according to EU-regulations or relating worldwide regulations for organic food
- discuss and evaluate food processing techniques and quality assessment methods.

**Types of Courses**

Seminar (4 SWS)

**Course Content**

- European and international legislation for organically produced agricultural commodities (quality standards, product handling), principles and implementation into practice
- Quality standard setting and the Organic Guarantee System
- Certification systems for organic and conventional products (overview, principles, concept, certification)
- Certification and Accreditation
- Process and product oriented food quality concepts and assessments;
- Processing techniques for organic food processing (different product groups)
- Quality assessment methods for small and medium-size enterprises

**Course Title**

Organic food processing and food quality

**Teaching and Learning Methods (Types of Teaching and Learning)**

Seminar, case studies

**Module Applicability**

MSc International Food Business and Consumer Studies

**Duration of Module**

1 Semester

**Frequency of Module**

Annually, summer term

**Language**

English

**Recommended (Content) Prerequisites for Taking the Module**

Obligatory: knowledge of the food chain, basics of quality management; recommended: Food quality, international food law

**Prerequisites for Taking the Module**

- 

**Students Workload**

180 hours, of which 60 contact hours, 120 hours of independent study

**Course Projects**

Discussion paper (2 pages) and presentation (10 to 15 minutes) or written report (approx. 15 pages); taking part in case studies during the seminar

**Prerequisites for Admission to Examination**

- 

**Examination**

Written report (approx. 15 pages) 100% or oral presentation with short paper (15-20 minutes) 100%

**Number of Credits for the Module**

6

**Teaching Unit**

Faculty of Organic Agricultural Sciences, University of Kassel

**Module Coordinator**

Prof. Dr. Angelika Ploeger NN, University of Kassel

**Module Teacher**

NN

**Types of Media**

Lecturing, discussion, case studies

**Literature**

Lecture based materials e-learning platform