

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

<b>Number/Code</b>	F42
<b>Module Name</b>	<b>Organic food processing and food quality</b>
<b>Type of Module</b>	Food module (elective)
<b>Educational Outcomes, Competencies, Qualification Objectives</b>	Students will be able to <ul style="list-style-type: none"> <li>• define food quality and quality systems in agriculture and food industry</li> <li>• discuss principles of organic food production (agriculture, processing) according to EU- regulations or relating worldwide regulations for organic food</li> <li>• discuss and evaluate food processing techniques and quality assessment methods.</li> </ul>
<b>Types of Courses</b>	Seminar (4 SWS)
<b>Course Content</b>	<ul style="list-style-type: none"> <li>• European and international legislation for organically produced agricultural commodities (quality standards, product handling), principles and implementation into practise</li> <li>• Quality standard setting and the Organic Guarantee System</li> <li>• Certification systems for organic and conventional products (overview, principles, concept, certification)</li> <li>• Certification and Accreditation</li> <li>• Process and product orientated food quality concepts and assessments;</li> <li>• Processing techniques for organic food processing (different product groups)</li> <li>• Quality assessment methods for small and medium-size enterprises</li> </ul>
<b>Course Title</b>	Organic food processing and food quality
<b>Teaching and Learning Methods (Types of Teaching and Learning)</b>	Seminar, case studies
<b>Module Applicability</b>	MSc International Food Business and Consumer Studies
<b>Duration of Module</b>	1 Semester
<b>Frequency of Module</b>	Annually, summer term
<b>Language</b>	English
<b>Recommended (Content) Prerequisites for Taking the Module</b>	Obligatory: knowledge of the food chain, basics of quality management; recommended: Food quality, international food law
<b>Prerequisites for Taking the Module</b>	-
<b>Students Workload</b>	180 hours, of which 60 contact hours, 120 hours of independent study
<b>Course Projects</b>	Discussion paper (2 pages) and presentation (10 to 15 minutes) or written report (approx. 15 pages); taking part in case studies during the seminar
<b>Prerequisites for Admission to Examination</b>	-
<b>Examination</b>	Written report (approx. 15 pages) 100% or oral presentation with short paper (15-20 minutes) 100%
<b>Number of Credits for the Module</b>	6
<b>Teaching Unit</b>	Faculty of Organic Agricultural Sciences, University of Kassel
<b>Module Coordinator</b>	Prof. Dr. Angelika Ploeger NN, University of Kassel
<b>Module Teacher</b>	NN
<b>Types of Media</b>	Lecturing, discussion, case studies
<b>Literature</b>	Lecture based materials e-learning platform