

<b>Module: WPE 11 Food additives and contaminants in the context of nutrition, ecology and sustainability</b>		
<b>Exam:</b> Food additives and contaminants in the context of nutrition, ecology and sustainability	<b>LV.-No.:</b>	<b>ECTS-Points:</b> 5 CP
<b>Recommended Semester:</b> 4. Semester	<b>Module:</b> optional	<b>Language:</b> English
<b>Responsible lecturer:</b> Prof. Dr. Fritz Titgemeyer	<b>Cycle:</b> Jedes SoSe	<b>Registration information:</b>
<b>Lecturer in charge:</b> Prof. Dr. Fritz Titgemeyer		
<b>Learning outcomes</b>	Students are able <ul style="list-style-type: none"> <li>• to name the registered food additives in different countries.</li> <li>• to evaluate the health requirements for food additives.</li> <li>• to survey contaminants in food.</li> <li>• to critically evaluate impacts and risks regarding nutritional and environmental issues.</li> <li>• to formulate problems and to discuss at an expert level.</li> <li>• to improve their English regarding subject-specific terms.</li> <li>• to present in English.</li> </ul>	
<b>Form of exam</b>	see current exam list	
<b>Form of teaching</b>	<ul style="list-style-type: none"> <li>• Seminaric lecture</li> <li>• Study trip</li> </ul>	
<b>Course contents</b>	<ul style="list-style-type: none"> <li>• Definitions of food additive and contaminants</li> <li>• Laws and Regulations, national and international</li> <li>• Institutions</li> <li>• Food additives in organic food</li> <li>• Strategies to reduce the level of contaminants</li> <li>• Environmental impact of selected contaminants.</li> <li>• Impact on nutrition</li> <li>• Ecological impact of selected contaminants</li> <li>• Study trips to Institutions, Laboratories or Companies</li> </ul>	
<b>Workload</b>	Presence (2 SWS): Preparation and Follow-up: sum:	30 h 120 h 150 h
<b>Requirements</b>	none	
<b>Literature</b>	1. Lebensmittel und Futtermittel Gesetzbuch (LFGB) 2. Zusatzstoffzulassungsverordnung (ZZuIV) 3. Scientific publications 4. <a href="http://www.zusatzstoffe-online.de">www.zusatzstoffe-online.de</a>	