<table>
<thead>
<tr>
<th>Number/Code</th>
<th>F43</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module Name</td>
<td>Information systems for the food industry</td>
</tr>
<tr>
<td>Type of Module</td>
<td>Business module (elective)</td>
</tr>
</tbody>
</table>

**Educational Outcomes, Competencies, Qualification Objectives**

Students
- know the organisation of food processing enterprises
- know the specific problems and economic constraints of the food industry
- are familiar with the essential features of information systems and their components
- know structures of data and processes and the interrelationship between subsystems
- know which data are relevant for successful operation of a food business
- know the interfaces between subsystems
- are familiar with the basics of data processing and relevant software
- understand the procedures of system analysis and system implementation
- know details of comprehensive information systems for the food industry and can apply this knowledge to solve problems, in particular in the fields of production and logistics

**Types of Courses**

Seminar (4 SWS)

**Course Content**

- Models of organisation of food processing enterprises
- Problems specific to food industry
- Information systems in food industry
- Structure of information systems, hardware, software, data bases, tools and add-ons
- System analysis and system implementation
- Components of comprehensive software packages of logistics, production and quality management

**Course Title**

Information systems for the food industry

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

Instructions (including e-learning), seminar, exercises

**Module Applicability**

MSc International Food Business and Consumer Studies

**Duration of Module**

1 Semester

**Frequency of Module**

Annually, winter term

**Language**

English

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

-

**Prerequisites for Taking the Module**

-

**Students Workload**

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

**Course Projects**

-

**Prerequisites for Admission to Examination**

-

**Examination**

Written examination

**Number of Credits for the Module**

6

**Teaching Unit**

Department of Nutritional, Food and Consumer Sciences, Fulda University of Applied Sciences

**Module Coordinator**

Prof. Dr. Anton Auer, Fulda University of Applied Sciences

**Module Teacher**

Prof. Dr. Anton Auer

**Types of Media**

E-learning platform

**Literature**

Lecture based materials