<table>
<thead>
<tr>
<th>Module Name</th>
<th>Module Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific Methods and Standards*Oral Defence of Master's Thesis</td>
<td>AEF-ds011</td>
</tr>
</tbody>
</table>

**Module Coordinator**

Prof. Dr. E. Hartung

**Organizer**

Institute of Agricultural Engineering

**Faculty**

Faculty of Agricultural and Nutritional Sciences

**Examination Office**

Prüfungsamt Agrar- und Ernährungswissenschaftliche Fakultät

**ECTS Credits** 3

**Evaluation** Graded

**Duration**

**Frequency** Takes place every semester

**Workload per ECTS Credit** 30 hours

**Total Workload** 90 hours

**Contact Time** 30 hours

**Independent Study** 60 hours

**Teaching Language** English

**Recommended Requirements**

Advanced understanding of dairy production, product quality, and economics.

**Module Courses**

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Course Name</th>
<th>Compulsory / Optional</th>
<th>SWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>Seminar: Dairy Science</td>
<td>Compulsory</td>
<td>2</td>
</tr>
</tbody>
</table>

**Prerequisites for Admission to the Examination(s)**
**Examination(s)**

<table>
<thead>
<tr>
<th>Examination Name</th>
<th>Type of Examination</th>
<th>Evaluation</th>
<th>Compulsory/Optional</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Defence of Master's Thesis</td>
<td>Presentation</td>
<td>Graded</td>
<td>Compulsory</td>
<td>100</td>
</tr>
</tbody>
</table>

**Further Information on the Examination(s)**

Semester in which the Master’s Thesis has been finished
examiner: 1st supervisor Master’s Thesis
QIS: 301100 with examination 301110

**Course Content**

Individually research work and international research on different topics in dairy science. Principles of scientific writing and presentation.

**Learning Outcome**

The students can frame a scientific hypothesis, present and discuss their data, and defend their conclusions. They learn how to structure a scientific presentation, and how to use and combine suitable presentation techniques.

**Reading List**

<table>
<thead>
<tr>
<th>Use</th>
<th>Compulsory / Optional</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master, 1-subject, Dairy Science (Version 2017)</td>
<td>Compulsory</td>
<td>-</td>
</tr>
</tbody>
</table>