### 2.3 Masterthesis und Kolloquium

<table>
<thead>
<tr>
<th>Module leader:</th>
<th>Prof. Dr.-Ing. Markus Louis</th>
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<tbody>
<tr>
<td>ECTS points:</td>
<td>18 ECTS</td>
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<tr>
<td>Type of module and position in the course of study:</td>
<td>Mandatory module in the 2. semester</td>
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<tr>
<td>Contact hours (h):</td>
<td>56</td>
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<td>Workload (h):</td>
<td>540</td>
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<td>Self-study (h):</td>
<td>484</td>
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<tr>
<td>Scope und frequency of teaching:</td>
<td>Thesis can be conducted in each semester</td>
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<tr>
<td>Type of module and position in other study programs or continuing education offers:</td>
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#### Learning outcomes:
Upon completion of this module students will be able to ...

- **Knowledge and understanding** (extension, consolidation and understanding of knowledge)
  - *Identify and discuss a research question in an aviation related business*

- **Using, applying and generating knowledge** (applying and transferring knowledge, Scientific innovation)
  - *Apply the learned competencies in a discrete scientific task.*
  - *Plan, analyze and evaluate a scientific question*
  - *Create an added value by applying scientific standards to a dedicated problem or topic*

- **Communication and cooperation**
  - *Public presentation of a scientific topic*
  - *Establish communication strategies to share information about a specific issue*
  - *Identify stakeholders relevant for a dedicated task*
  - *

- **Reflection of academic and professional identity**
  - *Critical assessment of specific information/theories/problems in a professional environment*

#### Course content:
- Define the topic of the thesis and organize examiners
- Register the thesis at the examination office
- Identify and analyze literature
- Scientific work on the topic with a defined target: e.g. analysis, assessment, development
- Preparation of the results in a structured way
- Submission of a thesis in written form based on scientific standards
- Presentation of the thesis to the examiners

#### Language of teaching:
- English

#### Prerequisites:
- 24 ECTS obtained in first semester

#### Preparation/literature:
- Specific literature depending on the topic

#### Further information:
- Thesis to be submitted 13 weeks after registration

### Courses of the module

<table>
<thead>
<tr>
<th>Course title</th>
<th>Teaching staff</th>
<th>Contact hours per week</th>
<th>Learning and teaching methods</th>
<th>Examination method(s), scope and duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Masterthesis und Kolloquium</td>
<td>Teaching staff</td>
<td>4</td>
<td></td>
<td>Written thesis in combination with a presentation</td>
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</tbody>
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