

This page is for ETI students, studying in the fields of Computer Science, Electrical-, Industrial-, Digital-, or International-Engineering, that are interested to work on their BA/MA thesis projects under the supervision of Prof. Felix Beck.

Students, please note the following:

- Check all the information provided on the [FH website](#)
  - Possible projects should target one of the [listed media-formats](#).
  - Proactivity is crucial: If you are unsure about something, reach out with enough time. Unforeseen delays should be communicated in a timely manner. Plan work steps early and adhere to milestones (e.g. submission of exposés, interim presentations, feedback rounds, etc.) Bear in mind the responsibility lies with the students.
  - For the [BA-colloquium](#) and the [MA-colloquium](#) independent work is expected. Support is provided in bi-weekly meetings – so called *Checkpoint Meetings* (see Felix's [Open Calender](#)).
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- Master's thesis
  - Bachelor's thesis

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## Master's thesis

In the master's thesis, students address a specific question within their field of study, applying the knowledge and skills gained during their academic program. To begin the Master thesis in the Department of Electrical Engineering and Computer Science (ETI) at FH Münster, students must have acquired at least **65 ECTS credits** from module examinations. This ensures that sufficient progress has been made in the program to undertake the final thesis. The Master thesis is supervised by a professor from the department and spans a processing time of up to **five months**. It concludes with a **colloquium**, where students present and defend their findings.<sup>1)2)</sup>

Prof. Felix Beck is supervising selected master's thesis as first examiner. There is a need to register early – at least one semester in advance!

Possible projects should target one of the [listed media-formats](#), and should take place in the field of interactive media (web technologies, VR, AR, software development, visual computing), media in space/spatial design (autoactive, reactive, interactive installations), product design (IoT, media objects), or similar.

## Potential MA thesis topics (2025/2025)

- **Poster Generator** – CSS-basierter Generator grafischer Inhalte mit dynamischer Anbindung (1-2 Studierende der Informatik)
- **IoT-gestütztes System für automatisierte Beflagung** – Entwicklung eines Systems, das Flaggen autom. nach vorgegebenen Kalendereinträgen steuert (2 Studierende: 1x Informatik, 1x Elektrotechnik)
- **Karten Anwendung zur Dokumentation von Denkmälern**: Entwicklung einer

- Kartenanwendung zur Darstellung 3D-gescannter Denkmäler. (1-2 Studierende der Informatik)
- **Medientisch** – Design und Entwicklung eines medialen Projektionstisches und entsprechender interaktiver Anwendung (2 Studierende: 1x Informatik, 1x Elektrotechnik)
  - **Dymaxion Worldmap Generator**: Online Tool das neue Verständnisse unserer Welt ermöglicht (1 Studierende/r der Informatik)
  - **Communal Memory**: Online Tool zur Visualisierung des kollektiven Gedächtnisses (1-2 Studierende der Informatik)
  - **Zeichenmaschine** – Polargraph für großformatige Glasscheiben (2 Studierende: 1x Informatik, 1x Elektrotechnik)

<sup>1)</sup>  
FH Münster, Department ETI, \*Master Thesis Requirements\*. Available at: [fh-muenster.de](https://www.fh-muenster.de)

<sup>2)</sup>  
FH Münster, Department ETI, \*Forms and Guidelines\*. Available at: [fh-muenster.de](https://www.fh-muenster.de)

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