

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.¹⁾²⁾

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

- **Design und Implementierung einer interaktiven Installation für öffentliche Räume:**
Konzipiere und realisiere eine kreative interaktive Installation, die dazu dient, öffentliche Räume aufzuwerten und die Interaktion der Passanten zu fördern.
- **Entwicklung einer Augmented Reality Anwendung zur interaktiven Museumsführung:**
Untersuche, wie Augmented Reality genutzt werden kann, um das Museumsbesuchererlebnis zu verbessern und interaktive Elemente einzuführen.
- **Visualisierung von Big Data für die Entscheidungsfindung in Unternehmen:**
Untersuche, wie komplexe Daten visualisiert werden können, um Entscheidungsträgern in Unternehmen bei der Analyse und Interpretation großer Datenmengen zu unterstützen.

¹⁾
FH Münster, Department ETI, *Master Thesis Requirements*. Available at: fh-muenster.de

²⁾
FH Münster, Department ETI, *Forms and Guidelines*. Available at: fh-muenster.de

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