Master Functional Safety Engineering (FUSE)

Study plan (example)

UNIKASSEL VERSITÄT

1. Semester (WiSe) ***30 Credits***	**Engineering Mathematics** 9 Credits	**Introduction to MATLAB** 3 Credits	**Information Theory & Coding** 6 Credits	**Social Communication** 6 Credits	**Introduction to Functional Safety** 6 Credits
2. Semester (SoSe) ***30 Credits***	**Risk determination of Computer architectures** 6 Credits	**Functionale Safety in computer architectures** 6 Credits	**Introduction to Signal Detection and Estimation** 6 Credits	**Programming Languages and techniques for Safety Systems** 6 Credits	**Electiv module** 6 Credits
3. Semester (WiSe) ***30 Credits***	**Project** 8 Credits	**Seminar** 4 Credits	**Electiv module** 6 Credits		**Methods for Automation for safety related Systems** 6 Credits
4. Semester (SoSe) ***30 Credits***	**Mastermodule** 30 Credits				

Legende

- Compulsory modules
- Elective modules
- Mastermodule

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