

Bauplan Master Artificial Intelligence Engineering

Compulsory Elective Modules

Focus Area 1:
**Algorithmic Engineering and
Mathematical Modelling**

Focus Area 2:
Artificial Intelligence Methods
at least 10 ECTS

Focus Area 3:
Artificial Intelligence Systems Engineering
at least 10 ECTS

Focus Area 4:
Artificial Intelligence Applications
at least 10 ECTS

At least 55 ECTS out of Focus Areas 1 to 4

Focus Area 5:
Cross-Cutting Concerns
at least 5 ECTS

At least 70 ECTS out of Focus Areas 1 to 5

Focus Area 6:
Research Seminars
maximum of 10 ECTS

In total at least 80 ECTS

In total at least 120 ECTS

Compulsory Modules

Introduction to AI Engineering
5 ECTS

Seminar on AI Engineering
5 ECTS

Master's Thesis
27 ECTS

Master's Thesis: Presentation
3 ECTS

In total 40 ECTS

Note AStuPO § 9 paragraph 3 sentence 1) and 2)

¹ By the end of the first semester, proof of successful completion of module examinations totaling at least 20 ECTS credits must be submitted.

² If this requirement is not met, a total of at least 30 ECTS credits must be demonstrated by the end of the second semester at the latest.