

1st Semester (Winter)	2nd Semester (Summer)	3rd Semester (Winter)	4th Semester (Summer)
Deep Learning (6 ECTS)	Statistical Machine Learning (9 ECTS)	Practical ML (6 ECTS)	Master's Thesis (30 ECTS)
Data Literacy (6 ECTS)		Seminar (3 ECTS)	
Mathematics of ML (9 ECTS)	Probabilistic Inference and Learning (9 ECTS)	Numerical Algorithms of Machine Learning (6 ECTS)	
	Convex and Nonconvex Optimization (6 ECTS)	Interactive Theorem Proving (9 ECTS)	
Algorithms and Complexity (9 ECTS)	Efficient Machine Learning in Hardware (3 ECTS)	Reinforcement Learning (6 ECTS)	
	Ethics in Science (3 ECTS)		

ECTS

ML-FOUND	Foundations of Machine Learning	24
ML-TOPIC	Further Topics in Machine Learning	36
ML-CS	General Computer Science	18
ML-EXP	Expanded Perspectives	12
Thesis	Master Thesis	30