1. Semester (WS)	2. Semester (SS)	3. Semester (WS)	4. Semester (SS)
Foundations (12 CP)			
• Programming • Advanced Statistics • Experimental and Quasi-Experimental Design 1	• Experimental and Quasi-Experimental Design 2	• Research Project	
Psychometrics and Mathematical Psychology (18 CP)			
• Latent Variable Modeling	• Bayesian Modeling • Item Response Theory		
Econometrics (24 CP)			• **Thesis**
• Advanced Times Series Analysis	• Machine Learning in Econometrics	• Statistics of Financial Markets	
Machine Learning (27 CP)			
• Machine Learning 1	• Probabilistic Machine Learning	• Data Literacy • Deep Learning	
30 CP	30 CP	30 CP	30 CP