Behavioural Economics

Home Department: Economics
Faculty of Economic and Management Sciences

Description of focal area

Data scientists often work with data that capture aspects of human behaviour and reflect decisions made by investors, consumers, workers, politicians, companies and managers. Behavioural economics investigates how psychological and economic factors affect these decisions. This focal area will equip you with the skills, models and theories to understand, predict and influence human behaviour.

BDatSci			
Focal area: Behavioural Economics			
First year **(120 credits)**	**Second year** **(128 credits)**	**Third year** **(128 credits)**	**Fourth year** **(122 credits)**
Compulsory modules Computer Science 114(16), 144(16) Data Science 141(16) Mathematics 114(16), 144(16) Probability Theory and Statistics 114(16) Economics 114(12), 144(12)	**Compulsory modules** Data Science 241(16) Computer Science 214(16), 244(16) Mathematics 214(16) Mathematical Statistics 214(16), 245(8), 246(8) Economics 214(16), 244(16)	**Compulsory modules** Mathematical Statistics 312(16) Computer Science 315(16), 343(16) Data Science 316(16), 346(16) Economics 318(24), 388(24)	**Compulsory modules** Introduction to Statistical Learning 441(12) Machine Learning 441(16) Macroeconomics 441(12) Microeconomics 441(12) Behavioural Economics 441(10) Econometrics 441(20) Data Science Research Assignment 441(40)