

Programme studies

	1. Autumn					2. Spring				
	I	II	III	IV	V	I	II	III	IV	V
Thesis + seminar						Thesis (Joint seminar with ISM)				
Choose 1 capstone course						30E03500 Capstone: Data Science for Business 2 (Malo) 57E00500 Capstone: Business Intelligence (Liu)				
Choose 3 core analytics courses						ISM-E1008 Dynamic Decision Processes (Malo) ISM-E1007 Current Topics in Analytics Research (Liesiö)				
Take both core analytics courses	30E03000 Data Science for Business 1 (Viitasaari)	ISM-E1005 Forecasting Methods in Business Analytics (Viitasaari)		ISM-E1006 Decision Analytics for Consulting (Viikkumaa)	ISM-E1010 Optimization for Prescriptive Analytics (Liesiö)	30E00400 Simulation Autumn 2026 only	ISM-E1005 Forecasting Methods in Business Analytics (Viitasaari)			
Application-focused BA courses		ISM-E1011 Quantitative Behavioral Research (Gloukhovtsev)		ISM-E1011 Quantitative Behavioral Research (Gloukhovtsev)	ISM-E1009 Analytics for Sustainability (Gloukhovtsev)		ISM-E1011 Quantitative Behavioral Research (Gloukhovtsev)		ISM-E1011 Quantitative Behavioral Research (Gloukhovtsev)	ISM-E1009 Analytics for Sustainability (Gloukhovtsev)
For degree electives	ISM-C2002 MySQL for Data Analytics (Liu)	ISM-C1004 Business Analytics 1 (Viikkumaa)				30C02000 Negotiation Analytics (Leppänen)				
Intermediate BA courses	ISM-C1003 Mathematical tools for analytics (Helander)		ISM-A1111 Introduction to Generative AI (independent study, open level, period I-V)							
Programming basics	CS-A1111 / CS-A1113 Basic Course in Programming Y1			CS-A1112 / CS-A1123 Basic Course in Programming Y2						