

Timing of BA studies

Here you can find suggestions for timing the studies in Business Analytics specialization area.

Please note that the order is not strict but serves more as a guideline to see which courses give you more basic tools and which are more advanced courses.

Always remember to check the prerequisites of the individual courses mentioned in the course description in Sisu.

Business Analytics

Business Analytics: Better decision making through the utilization of data and analytical methods (i.e., statistics, math. modelling, optimization, machine learning, simulation, decision analysis, game theory)



	A U T U M N		S P R I N G	
Advanced 2	ISM-E1008 Dynamic Decision Processes	30E03500 Capstone: Data Science for Business 2		ISM-E1006 Decision Analytics for Consulting
	30E00400 Simulation (only autumn 2026)	ISM-E1005 Forecasting Methods in Business Analytics		ISM-E1010 Optimization for Prescriptive Analytics
Advanced 1	30E03000 Data Science for Business 1	ISM-E1011 Quantitative Behavioral Research	ISM-E1004 Business Analytics 2	ISM-E1011 Quantitative Behavioral Research
Intermediate	ISM-C2022 MySQL for Data Analytics	ISM-C1004 Business Analytics 1		
	ISM-C1003 Mathematical tools for analytics			30C02000 Negotiation Analytics
	ISM-A1111 Introduction to Generative AI (independent study, open level, period I-V)			
	CS-A1111 / CS-A1113 Basics in Programming Y1		CS-A1121 / CS-A1123 Basics in Programming Y2	

Master's level courses: Roughly divided into two groups where on the higher level are more advanced courses. Please note that courses below are not necessarily prerequisites for courses on the higher level; always check suggested prerequisites in Sisu description.

Bachelor's level courses: Give you more basic tools if you don't have similar knowledge from previous studies.

Programming basics (by Computer Science)