

Data Science Courses and Tracks

Programmes with data science tracks

Course name	Recommended for	Course code	Biosystems Engineering	Bioinformatics	Biology	Biobased Sciences	Communication, Health and Life Sciences*	Earth and Environment	Environmental Sciences	Forest and Nature Conservation	Geo-Information Science	International Development Studies	Tourism, Society and Environment	Management, Economics and Consumer Studies*	Nutrition and Health*	Plant Biotechnology	Plant Sciences	Aquaculture and Marine Resource Ecology	Master of Animal Sciences	Master Climate Studies
			MBE	MBF	MBI	MBS	MCH	MEE	MES	MFN	MGI	MID	MTO	MME	MNH	MPB	MPS	MAM	MAS	MCL
Data Management	All students	INF-21306		●							●					●	●			
Big data	All students	INF-33806	●					●			●									
Data Analysis and Visualisation	All students	BIF-51306																		
Programming in Python	All students	INF-22306		●					●		●					●				
Data Science for Health: Principles	Health, Nutrition, Consumers studies	HNH-37006					●							●	●					
Data Science Concepts	All students	INF-34306			●		●	●	●	●			●	●	●	●	●	●	●	●
Data science ethics	All students	CPT-30503		●	●	●	●			●		●		●	●	●	●	●		
Solving Societal Health Challenges with Data Science	Health, Nutrition, Consumers studies	CHL-60309					●							●	●					
Bayesian Data Analysis	All students	MAT-34806													●					
Statistics for Data Scientists	All students	MAT-32806		●	●		●			●				●	●	●	●	●	●	
Data Types for Innovative Measurements in Health and Nutrition	Health, Nutrition, Consumers studies	HNH-39003					●							●	●					
Data Types for Health Promotion	Health, Nutrition, Consumers studies	HSO-32303					●							●	●					
Artificial Intelligence for Food and Health	All students	INF-36803					●							●	●					
Data Types in Food and Consumer Behaviour	Health, Nutrition, Consumers studies	YSS-35803					●							●	●					
Data Science for Healthy Lifestyles	Health, Nutrition, Consumers studies	CHL-34806												●	●					
Data Science for Nutritional Epidemiology	Health and Nutrition studies	HNH-39106													●					
Theory-Driven Data Science for Population Health	Health and Nutrition studies	HSO-32306					●								●					
Data Science for Food and Consumer Behaviour Research	Health, Nutrition, Consumers studies	YSS-36306												●	●					
Deep learning in Data Science	All students	GRS-34806	●	●				●			●									
Data-driven discovery in the life sciences	Plant and Animal sciences	BIF-31806		●	●										●	●	●		●	
Data Science for Smart Environments	Environmental sciences	GRS-35306							●	●	●		●							●
Data driven supply chain	Economy, Social and Food sciences	ORL-33806	●											●						
Data science for Ecology	Ecology	REG-33806			●					●							●	●		
Linked Data	All students	INF-33306		●														●	●	
Machine Learning	All students	FTE-35306	●	●				●			●									
Big Data for Business Decisions	Economy, Social and Food sciences	BEC-55306																		
Environmental Data Collection and Analysis	Environmental sciences	YWU-30806						●												
Artificial Intelligence	All students	INF 36306	●																	

*This master program offers a Data Science Specialization: [MCH](#), [MME](#) and [MNH](#)

For a complete overview of WUR data science, data and informatics related courses click [here](#)