

Data Science Courses and Tracks

Programmes with data science tracks

Course name	Period**	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	Master Urban Environmental Management	Master Data Science for Food and Health
				MBE	MBF	MBI	MBS	MCH	MEE	MES	MFN	MGI	MID	MTO	MME	MNH	MPB	MPS	MAM	MAS	MCL	MUE	MDS
Data Management	P1MO, P5MO	All students	INF-21306		●							●					●	●					
Big data	P2MO	All students	INF-33806	●					●			●											●
Data Analysis and Visualisation	P2AF	All students	BIF-51306																				
Programming in Python	P1AF, P2MO, P5MO	All students	INF-22306		●					●		●					●						
Data Science for Health: Principles	P2MO	Health, Nutrition, Consuments studies	HNH-37006					●							●	●							●
Data Science Concepts	P2AF	All students	INF-34306			●		●	●	●	●			●	●	●	●	●	●	●	●	●	●
Data science ethics	P6AF	All students	CPT-30503		●	●	●	●			●		●			●	●	●	●	●			●
Solving Societal Health Challenges with Data Science	P6	Health, Nutrition, Consuments studies	CHL-60309					●								●							●
Bayesian Data Analysis	P1MO	All students	MAT-34806													●							●
Statistics for Data Scientists	P3WD, P5AF	All students	MAT-32806		●	●		●			●				●	●	●	●	●	●			●
Data Types for Signal Processing in Health and Nutrition	P4WD	Health, Nutrition, Consuments studies	HNH-39003					●							●	●							●
Data Types for Health Promotion	P4WD	Health, Nutrition, Consuments studies	HSO-32303					●							●	●							●
Artificial Intelligence for Food and Health	P4WD	All students	INF-36803					●							●	●							●
Data Types Applications for Food and Consumer Science	P4WD	Health, Nutrition, Consuments studies	YSS-35803					●							●	●							●
Data Science for Healthy Lifestyles	P5MO	Health, Nutrition, Consuments studies	CHL-34806												●	●							●
Data Science for Nutritional Epidemiology	P5AF	Health and Nutrition studies	HNH-39106													●							●
Data Science for Health Promotion and Population Health	P5AF	Health and Nutrition studies	HSO-32806					●								●							●
Data Science for Food and Consumer Behaviour Research	5MO	Health, Nutrition, Consuments studies	YSS-36306												●	●							●
Deep learning	5MO	All students	GRS-34806	●	●				●			●											●
Data-driven discovery in the life sciences	P6MO	Plant and Animal sciences	BIF-31806		●	●										●	●	●		●			
Data Science for Smart Environments	P5AF	Environmental sciences	GRS-35306						●	●	●	●		●							●		●
Data Driven Supply Chain Management	P2AF	Economy, Social and Food sciences	ORL-33806	●											●								
Data science for Ecology	P5MO	Ecology	REG-33806			●					●							●	●				
Linked Data	P2AF	All students	INF-33306		●																		
Machine Learning	P4WD	All students	FTE-35306	●	●				●			●											●
Advanced Machine Learning	P6AF	All students	FTE-36806	●																			
Big Data for Business Decisions	P6MO	Economy, Social and Food sciences	BEC-55306																				
Environmental Data Collection and Analysis	P1AF	Environmental sciences	YWU-30806						●														
Artificial Intelligence	P3WD	All students	INF-36306	●																			
Data Science for Plant Breeding and Genetics	P6WD	Plant sciences	MAT-33306														●						
Business Information Analytics	P1MO	Economy, social sciences	INF-37306												●								
Sensing and Perception	P6MO	All students	FTE-27306																				
Robotics: Mobile Platforms	P2MO	All students	FTE-36306	●																			
Robotics: Arms and Grippers	P6AF	All students	FTE-32806	●																			

** P – period, MO – morning, AF – afternoon, WD – whole day

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