

MSc Data Science for Food and Health - programme as of September 2022

Common Part				
Academic Master Cluster				
Choose both courses from the Data Science Master Cluster option. Students can opt for the YNH31303 Bio-Tech-Med-Nutr Interdisciplinary team training (BITT project) project as an additional course within this cluster. Optionally, students can select up to 3 credits of Modular Skills Training Courses. YWU60312 Research Master Cluster can be selected instead of or on top of CHL60309, but only after consultation with your study adviser.				
		Credits	Year	Period
Data Science Master Cluster				
These courses are compulsory.				
CPT30503	Data Science Ethics	3	M1	6AF-1ST-HALF
CHL60309	Solving Societal Health Challenges with Data Science	9	M1	6OTHER
Optional Modular Skills Training				
Optionally select up to 3 credits of Modular Skills Training Courses				
YMC60300	Modular Skills Training	3	M1/2	1AF, 2AF, 3AF, 5AF, 6AF
Optional BITT course				
Optionally, students can participate in the Bio-Tech-Med-Nutr Interdisciplinary Team Training project offered in collaboration with University Medical Centre Utrecht and Eindhoven University of Technology. This schedule of this course deviates from the regular Wageningen University periods.				
YNH31303	Bio-Tech-Med-Nutrition Interdisciplinary Team Training (BITT)	3	M1	4OTHER + 5OTHER + 6OTHER
Compulsory Courses in Common Part				
These courses are compulsory.				
HNH37006	Data Science for Health: Principles	6	M1	2MO
MAT32806	Statistics for Data Scientists	6	M1	3WD
Compulsory Safety Instructions				
Choose the Safety Instruction unless you have already completed this e-learning in your bachelor.				
ZSS06000	General Safety	0	M1	1DL
Compulsory when not in prior education				
During the intake interview with the study adviser, the courses required to include from this cluster will be determined, based on prior education and expected trajectory.				
MAT20306	Advanced Statistics	6	M1	1AF, 1MO
MCB20806	Principles of Consumer Studies	6	M1	1MO
HNH24806	Introduction to Epidemiology and Public Health	6	M1	1AF
INF34306	Data Science Concepts	6	M1	2AF
CHL20806	Lifestyles and Consumption	6	M1	3WD
Restricted Optionals (1): Data Types				
Select at least 6 credits worth of "Data Type" courses from this cluster. Note that all combinations are possible, one course in morning, one in the afternoon, or 2 in morning or 2 in the afternoon. Do take into account the type of work you're likely to do during your thesis.				
INF36803	Artificial Intelligence for Food and Health	3	M1	4MO
YSS35803	Data science applications for food and consumer science	3	M1	4MO
HNH39003	Data Types for Signal Processing in Health and Nutrition	3	M1	4AF
HSO32303	Data Types for Health Promotion	3	M1	4AF
Restricted Optionals (2): Thesis prep DS				
Choose 6 credits worth of Data Science thesis preparing courses, taking into account your expected thesis topic.				
CHL34806	Data Science for Healthy Lifestyles	6	M1	5MO
YSS36306	Data Science for Food and Consumer Behaviour Research	6	M1	5MO
HNH39106	Data Science for Nutritional Epidemiology	6	M1	5AF
HSO32806	Data Science for Health Promotion and Population Health	6	M1	5AF
>>>>>>>>>next page>>>>>>>>>				
Restricted Optionals (3): Thesis-Domain				

Choose at least 6 credits worth of courses from your domain, preferably linked to your thesis topic and taking into account assumed knowledge. In consultation with and approval from the study adviser, another course within your domain can be selected.				
CPT32306	Interventions for Health Behaviour Change	6	M1	5MO
CPT33306	Communication Strategies in Everyday Life	6	M1	5MO
HNN30306	Psychobiology of Food Choice and Eating Behaviour	6	M1	5MO
HNN32806	Exposure Assessment in Nutrition and Health Research	6	M1	5MO
HSO30806	Settings for Health Promotion	6	M1	5MO
MCB30306	Consumer Behaviour: Concepts and Research Methods	6	M1	5MO
YSS33306	Advanced Consumer Studies	6	M1	5MO
CHL32806	Public Health Practice	6	M1	5AF
MCB30806	Sensory Perception and Consumer Preference	6	M1	5AF
Restricted Optionals (4): More DS				
Optionally, students can take these preapproved advanced courses on Data Science.				
MAT34806	Bayesian Data Analysis	6	M1/2	1MO
INF22306	Programming in Python	6	M1/2	1AF, 2MO, 5MO
INF33806	Big Data	6	M1/2	2MO
FTE35306	Machine Learning	6	M1/2	4WD
GRS34806	Deep Learning	6	M1/2	5MO
GRS35306	Data Science for Smart Environments	6	M1/2	5AF
Thesis				
Select a thesis project at one of the chairgroups mentioned below. Your thesis supervisor(s) should be involved in Data Science as well in your domain. A thesis with INF or MAT should be co-supervised by one of the other chair groups mentioned. Students require prior approval of their thesis topic and supervisors from the programme team. In this way we guarantee sufficient attention to both domain and data science within the thesis.				
CHL80436	MSc Thesis Consumption and Healthy Lifestyles	36	M1/2	Academic_Year
CPT81336	MSc Thesis Strategic Communication	36	M1/2	Academic_Year
FQD80436	MSc Thesis Food Quality and Design	36	M1/2	Academic_Year
HNN83836	MSc Thesis Sensory Science and Eating Behaviour	36	M1/2	Academic_Year
HNN84836	MSc Thesis Nutrition and Disease	36	M1/2	Academic_Year
HNN85836	MSc Thesis Global Nutrition	36	M1/2	Academic_Year
HSO80336	MSc Thesis Health and Society	36	M1/2	Academic_Year
INF80436	MSc Thesis Information Technology	36	M1/2	Academic_Year
MAT80436	MSc Thesis Mathematical and Statistical Methods	36	M1/2	Academic_Year
MCB80436	MSc Thesis Marketing and Consumer Behaviour	36	M1/2	Academic_Year
Internship				
Choose either one internship or one research practice, both can be extended up to 36 credits.				
CHL70424	MSc Internship Consumption and Healthy Lifestyles	24	M2	Academic_Year
CHL79324	MSc Research Practice Consumption and Healthy Lifestyles	24	M2	Academic_Year
CPT71324	MSc Internship Strategic Communication	24	M2	Academic_Year
CPT78524	MSc Research Practice Strategic Communication	24	M2	Academic_Year
FQD70424	MSc Internship Food Quality and Design	24	M2	Academic_Year
FQD79324	MSc Research Practice Food Quality and Design	24	M2	Academic_Year
HNN73824	MSc Internship Sensory Science and Eating Behaviour	24	M2	Academic_Year
HNN74824	MSc Internship Nutrition and Disease	24	M2	Academic_Year
HNN75824	MSc Internship Global Nutrition	24	M2	Academic_Year
HNN79524	MSc Research Practice Sensory Science and Eating Behaviour	24	M2	Academic_Year
HNN79624	MSc Research Practice Nutrition and Disease	24	M2	Academic_Year
HNN79724	MSc Research Practice Global Nutrition	24	M2	Academic_Year
HSO70324	MSc Internship Health and Society	24	M2	Academic_Year
HSO79324	MSc Research Practice Health and Society	24	M2	Academic_Year
INF70424	MSc Internship Information Technology	24	M2	Academic_Year
INF79324	MSc Research Practice Information Technology	24	M2	Academic_Year
MAT70424	MSc Internship Mathematical and Statistical Methods	24	M2	Academic_Year
MAT79324	MSc Research Practice Mathematical and Statistical Methods	24	M2	Academic_Year
MCB70424	MSc Internship Marketing and Consumer Behaviour	24	M2	Academic_Year
MCB79324	MSc Research Practice Marketing and Consumer Behaviour	24	M2	Academic_Year
Electives				
Where appropriate, as a student you choose an individual minor and/or elective courses to complete your MSc programme up to (at least) 120 credits.				