Master's programme

Data Science for Food and Health

Data are everywhere: from sensors and trackers, to apps measuring the behaviour of people. The use of data science offers new opportunities in the domains of health, nutrition, lifestyle and consumer behaviour. We can use data science to better measure and understand what and how people eat. What food choices do they make? And what is the relation between lifestyle and human health? You will be able to integrate data science knowledge and skills with a sound understanding of nutrition, consumer behaviour and lifestyles, and their effects on human health. After graduation, a data scientist in Food and Health will have a solid knowledge base, as well as excellent connecting skills.

What makes this master's unique?

- **Interdisciplinary programme which integrates data science knowledge and skills with a sound understanding of nutrition, consumer behaviour and lifestyles, and their effects on human health.**
- **Explicit attention to integrating skills needed to perform a bridging role between the field of Data Science and various stakeholders in the health-related domains.**

WAGENINGEN
UNIVERSITY & RESEARCH

Want to get to know the university?

Chat with our students, visit one of the (online) open days or join one of our students for a day. Look for all activities at **www.wur.eu/meetus**

Study programme in numbers

START
September

NUMBER OF STUDENTS
30 students/year

LANGUAGE
English

STUDY LOAD
42 hours/week (of which ~20 hours on campus)

APPLICATION DEADLINE
see www.wur.eu/apply

ADMISSION REQUIREMENTS
www.wur.eu/apply

Personalised programme

Students will compose their personalised programme at the start of their master's in consultation with a study adviser. Based on their background, interest and ambitions, students need to design and plan their individual learning pathway during their studies. This way, students develop personal leadership skills by learning how to give direction to their personal and professional development.

Studying in Wageningen

Be part of our international community of students who want to change the world. Together we can find solutions for problems like health and food security, water scarcity, climate change and other environmental and global issues. You are ensured personal guidance throughout your student career. Studying in Wageningen guarantees premium quality education and an international quality benchmark on your curriculum vitae.

www.wur.eu/whywageningen

"Through the Master in Data Science for Food and Health I have learned and am still learning how data (already existing or yet to be collected) can be used to serve as a tool to influence people's health by, for example, developing a personalized (online) health intervention, but also how data science approaches are used to discover patterns in data sets. These features can then be used to predict the risk of developing a disease."
Michelle van Alst, master student

Related programmes

MSc Nutrition and Health, MSc Management, Economics and Consumer Studies, MSc Communication, Health and Life Sciences

Structure of the study programme

1st YEAR (60 credits)
- Compulsory and (restricted) optional courses
- A personalised programme
- Solving Societal Health Challenges with Data Science and Data Science Ethics

2nd YEAR (60 credits)
- Thesis (36 credits)
- Internship (24 credits)

Your future career

After graduation you will be a data scientist in Food and Health and have a solid knowledge base in both data science and on the health related domains. You will be trained in how to connect and integrate these two worlds. This combination of knowledge and integration skills allows graduates of the master Data Science for Food and Health to fulfil multiple roles in an organisation and become a successful bridge builder. This makes you very suitable for working in a multidisciplinary team, so that you can take up your position in society and in the workforce as the next generation data scientist.

THE UNIVERSITY IN NUMBERS

6,936	108	66%	34%	43%	57%
Master's students	Nationalities	Dutch	International	Male	Female

More information

Visit **wur.eu/mds**
or mail to mds@wur.nl