DATA WISE.

DATA SCIENCE IN SOCIETY

Minor at the University of Groningen

- Understand how data practices influence our lives
- Acquire skills to collect, analyze, and report on data responsibly
- Master the scientific, ethical,and legal facets of working with data
- Be able to pursue a career in which data and innovation intersect

rug.nl/gmw/education/minor/datawise

university of groningen

LEARN HOW TO ASSESS AND USE DATA

Data plays an increasingly prominent role in society. Scientists, journalists, politicians, policymakers, and governmental institutions all make use of 'big data' and 'data-driven approaches' to understand our society and to shape our daily lives. From sports to healthcare, from business to biology, data is used to make decisions. Given this dominance of data, it is important that we understand the scientific, technical, ethical, and legal aspects of its use.

In the University Minor Data Wise, we address both the possibilities and challenges of data for science, policy and business, and we nurture a critical approach to the role of data in society.

PURSUE A COLLABORATIVE DATA PROJECT

At the core of the minor is a data project. In this project, you'll learn how to tackle complex questions by working in an interdisciplinary team for four months. The projects come from a diversity of partner organisations, from research, business, government or civil society. The courses "Introduction to Data" and "Dynamics of Multi-disciplinary Teams" prepare you to delve into your data project and work in teams.

CHOOSE YOUR COURSES

You can shape the minor to fit your own interests and to further develop your expertise by choosing three out of these six elective courses:

- Data as evidence
- Introduction to programming
- Opinion dynamics on the internet
- Machine learning
- Data in practice
- Data visualization

SET UP YOUR CAREER

By the end of the minor, you will have a highly desirable profile: a team player who is able to collaborate with data scientists, making real contributions to responsible and innovative use of data. With the knowledge from the courses and hands-on experience from the project, you'll have a lot to offer to employers in our data-rich world.

Do you want to help shape how we deal with data in society? Then we're looking for you!

Email: datawise@rug.nl
www.rug.nl/gmw/education/minor/datawise

STRUCTURE OF THE MINOR

1A	Introduction to data 7.5 ECTS			
		Elective 1 2.5 ECTS	Elective 2 2.5 ECTS	Elective 3 2.5 ECTS	Collaborative data project 12.5 ECTS
1B	Dynamics of multi-disciplinary teams 2.5 ECTS			
NEW YEAR				