

Applied Mathematics/ Data Science

The first step towards pursuing a degree in Applied Mathematics/Data Science is to ask the right questions. 'Which programme suits me best?' and 'Can I build a career around it?' are questions that are probably high up on the list of possibilities. Gathering information comes second, although you only have to run a simple web search to discover that 'Data Scientist' is a regular winner of those annual best job in the world surveys.



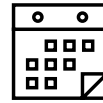
4 Years
full-time



Location:
Amsterdam



Language:
English



September
2024



Bachelor of
Science (BSc)



Year 1:
±25 students

Your profile

- ✓ You like to understand the world through numbers, computer codes and formulas.
- ✓ You see yourself playing a part in developing future technology, society or business intelligence.
- ✓ You need an international environment to learn, feel secure, and grow.

Your dream job

- Data Analyst Engineer or Architect
- Machine Learning Specialist
- Software Engineer
- Business Intelligence Developer
- IT Consultant

In a nutshell

From a Latin word meaning 'something given', 'data' is a gift that keeps on giving. Data, or raw information, is an infinitely growing resource that feeds everything with a brain either human or artificial. Applied Mathematics/Data Science is all about designing and then using smart methods to turn data into applied knowledge.

Roadmap

- Term 1**
 - Introduction to Data Science
 - Professional skills
 - English
 - Programming with Python 1
 - Precalculus
 - Statistics 1
- Term 2**
 - Project Data Analysis
 - Calculus 1
 - Logic & Proof
 - Programming with Python 2
 - Professional Skills
 - AM learning challenge 1
- Term 3**
 - Research 1
 - DBMS 1
 - Linear Algebra
 - English 2
 - Statistics 2
 - Professional skills
- Term 4**
 - Calculus 2
 - Statistics 3
 - DBMS 2
 - Professional Skills
 - Project Data Management
 - Statistical Inference



"I've tried several other studies, and none of them suited my particular interest. But this programme is different!"

Ke, alumna

Forms of education



- Internships
- Practical assignment
- Theory

Facts & Figures

5d

a week
in school

40h

study workload
per week

45

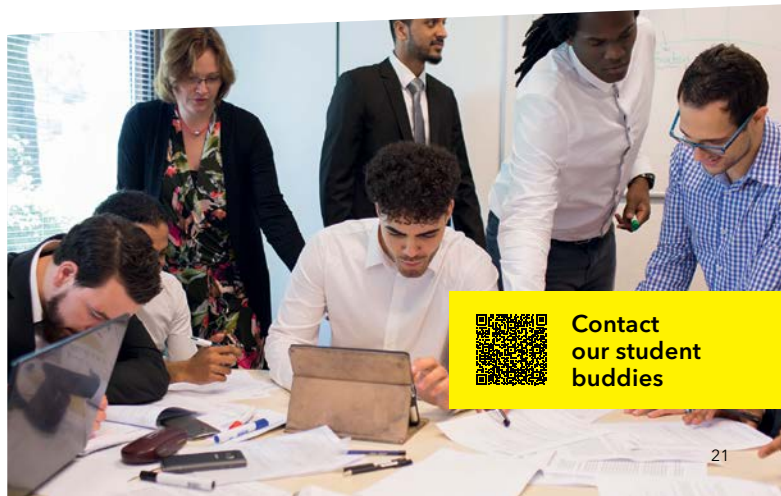
min. number of
credits for year 1

97%

graduate
employment rate



Do you want more information on this programme? Check inholland.com/am



Contact
our student
buddies