

MANNHEIM MASTER OF APPLIED DATA SCIENCE & MEASUREMENT

ADVANCED ONLINE MASTER'S PROGRAM FOR PROFESSIONALS WHO WANT TO ENHANCE THEIR DATA COLLECTION AND ANALYSIS SKILLS WHILE PURSUING THEIR CAREERS.

KEY FACTS



DURATION & STRUCTURE
30 months, part-time
online format



LOCATIONS
Online plus optional annual
immersion event in Mannheim



DEGREE
Master of Science (M.Sc.)



LANGUAGE
English



ORGANIZATION
Online learning environment,
self-paced learning plus weekly
online meetings with instruc-
tors and fellow students



NUMBER OF PARTICIPANTS
Limited, small class size



PROGRAM START
June 2021



CREDITS
90



CURRICULUM



While the program has a clear focus on data collection and questionnaire design, courses cover five skill areas: Research Design, Data Generating Process, Data Curation Storage, Data Analysis, and Data Output/Access, e.g. Fundamentals of Survey & Data Science, Introduction to Real-World Data Management, Introduction to R/ Python/SQL, Privacy Law, Sampling, Introduction to Data Visualization, Web Scraping and APIs, Machine Learning.

Online Info Session
For next events & registration
click here.

ADMISSIONS



ADMISSION REQUIREMENTS

- Bachelor's degree
- Proven skills in statistics
- Fluency in English (TOEFL with a minimum score of 85 or equivalent)
- First work experience in a position dealing with data
- A valid employment contract



TUITION FEE
€22,500

KEY BENEFITS

- **Excellence:** Theoretically based and practice-oriented learning from a faculty from world's top ranked universities, statistical agencies and businesses
- **Flexibility:** Join courses online from anywhere in the world, at your own pace.
- **Individuality:** Tailor the curriculum to your professional needs by choosing from a range of elective courses
- **Online learning:** Asynchronous learning experience (pre-recorded lectures, readings) and synchronous learning experience (virtual classroom, weekly live discussions led by the instructor)
- **Class profile:** Participants benefit from a diverse group of international peers coming from various industries and with different occupational profile