

PRICE LIST MANNHEIM DATA SCIENCE CERTIFICATES AND COURSES

OPEN COURSES

All of our courses are based on a flexible, online learning environment so you can take the courses from anywhere in the world. We combine asynchronous and synchronous learning formats and focus on practical relevance. We provide participants with pre-recorded lectures and additional course material and create virtual classrooms for each course. All courses are taught by world-class academics from renown universities and practitioners from leading companies. In live weekly online sessions, you will get to interact and network with our faculty and they will share their academic and practical experience and insights with you.

To see all courses in the upcoming term click [here](#).

Course Title	Instructor(s)	Duration	Price (tax exempt)
Fundamentals of Survey and Data Science	Alexander Wenz, PhD (University of Mannheim)	12 weeks	€1,200
Experimental Design for Surveys	Ashley Amaya, PhD (Pew Research Center)	8 weeks	€800
Questionnaire Design	Gina Walejko (Google)	8 weeks	€800
Web Scraping and APIs	Simon Munzert, PhD (Hertie School of Governance Berlin)	4 weeks	€400
Introduction to Record Linkage with Big Data Applications	Manfred Antoni, PhD (Institute for Employment Research) Prof. Stefan Bender (Deutsche Bundesbank) Christian Borgs, PhD (Universität Duisburg-Essen) Prof. Joseph W. Sakshaug (Institute for Employment Research)	8 weeks	€800
Usability Testing for Survey Research	Emily Geisen (Qualtrics) Jennifer Romano-Bergstrom (Google)	4 weeks	€400
Web Survey Methodology and Online Panels with Practical Survey Programming	Jernej Berzelak, PhD (University of Ljubljana)	8 weeks	€800



Course Title	Instructor(s)	Duration	Price (tax exempt)
Sampling I	Raphael Nishimura, PhD (University of Michigan)	8 weeks	€800
Sampling II	Raphael Nishimura, PhD (University of Michigan)	4 weeks	€400
Introduction to Real World Data Management	Alexandru Cernat, PhD (University of Manchester)	8 weeks	€800
Introduction to Python and SQL	Brian Kim, PhD (University of Maryland)	4 weeks	€400
Modern Workflows in Data Science	Alexandru Cernat, PhD (University of Manchester)	8 weeks	€800
Item Nonresponse and Imputation	Prof. Jörg Drechsler (Institute for Employment Research)	4 weeks	€400
Multiple Imputation - Why and How	Prof. Jörg Drechsler (Institute for Employment Research)	4 weeks	€400
Step by Step in Survey Weighting	Benjamin M. Reist, PhD (NASA)	4 weeks	€400
Review of Statistical Concepts	Brian Kim, PhD (University of Maryland)	12 weeks	€1,200
Introduction to Big Data and Machine Learning	Prof. Trent D. Buskirk (Bowling Green State University) Prof. Frauke Kreuter (Ludwig-Maximilians-Universität Munich)	4 weeks	€400
Machine Learning II	Prof. Trent D. Buskirk (Bowling Green State University) Christoph Kern, PhD (University of Mannheim)	8 weeks	€800
Measurement Error Models	Laura Boeschoten (Tilburg University)	4 weeks	€400



Course Title	Instructor(s)	Duration	Price (tax exempt)
Analysis of Complex Survey Data	Stefan Zins, PhD (Institute for Employment Research)	8 weeks	€800
Generalized Linear Models	Prof. Thomas Gautschi (University of Mannheim)	8 weeks	€800
Ethical Considerations for Data Science Research	Jessica Vitak, PhD (University of Maryland)	4 weeks	€400
Introduction to Data Visualization	Prof. Richard Traunmüller (University of Mannheim)	4 weeks	€400
Privacy Law	Prof. Thomas Fetzer (University of Mannheim)	4 weeks	€400
Data Confidentiality and Statistical Disclosure Control	Prof. Jörg Drechsler (Institute for Employment Research)	8 weeks	€800



MANNHEIM DATA SCIENCE CERTIFICATES

Our Mannheim Data Science Certificates enable you to tailor the online courses to your professional and personal needs. Bundle several graduate level online courses and book one of our Mannheim Data Science Certificates. Take the whole certificate and benefit from bundled prices.

When booking any certificate, participants gain access to the self-paced tutorial "Introduction to R for Social Scientists" for free. This tutorial is especially useful for participants who may not feel comfortable with the software R, or wish to brush up their skills before an R-intensive course.

Mannheim Data Science Certificate: Introduction to Survey and Data Science		Price (tax exempt): €1,850
Included Courses	Instructor(s)	Duration
Introduction to R for Social Scientists	Videos by Heide Marie Jackson, PhD (University of Maryland)	self-paced
Fundamentals of Survey and Data Science	Alexander Wenz, PhD (University of Mannheim)	12 weeks
Review of Statistical Concepts	Brian Kim, PhD (University of Maryland)	12 weeks

Mannheim Data Science Certificate: R-Programming		Price (tax exempt): €1,300
Included Courses	Instructor(s)	Duration
Introduction to R for Social Scientists	Videos by Heide Marie Jackson, PhD (University of Maryland)	self-paced
Introduction to Real World Data Management	Alexandru Cernat, PhD (University of Manchester)	8 weeks
Modern Workflows in Data Science	Alexandru Cernat, PhD (University of Manchester)	8 weeks



Mannheim Data Science Certificate: Sampling		Price (tax exempt): €950
Included Courses	Instructor(s)	Duration
Introduction to R for Social Scientists	Videos by Heide Marie Jackson, PhD (University of Maryland)	self-paced
Sampling I	Raphael Nishimura, PhD (University of Michigan)	8 weeks
Sampling II	Raphael Nishimura, PhD (University of Michigan)	4 weeks

Mannheim Data Science Certificate: Big Data & Machine Learning		Price (tax exempt): €950
Included Courses	Instructor(s)	Duration
Introduction to R for Social Scientists	Videos by Heide Marie Jackson, PhD (University of Maryland)	self-paced
Introduction to Big Data and Machine Learning	Prof. Trent D. Buskirk (Bowling Green State University) Prof. Frauke Kreuter (Ludwig-Maximilians-Universität Munich)	4 weeks
Machine Learning II	Prof. Trent D. Buskirk (Bowling Green State University) Christoph Kern, PhD (University of Mannheim)	8 weeks



Mannheim Data Science Certificate: Surveys		Price (tax exempt): €1,500
Included Courses	Instructor(s)	Duration
Introduction to R for Social Scientists	Videos by Heide Marie Jackson, PhD (University of Maryland)	self-paced
Questionnaire Design	Gina Walejko (Google)	8 weeks
Usability Testing for Survey Research	Emily Geisen (Qualtrics) Jennifer Romano-Bergstrom (Google)	4 weeks
Web Survey Methodology and Online Panels with Practical Survey Programming	Jernej Berzelak, PhD (University of Ljubljana)	8 weeks

Mannheim Data Science Certificate: Working with Missing Survey Data		Price (tax exempt): €650
Included Courses	Instructor(s)	Duration
Introduction to R for Social Scientists	Videos by Heide Marie Jackson, PhD (University of Maryland)	self-paced
Item Nonresponse and Imputation	Prof. Jörg Drechsler (Institute for Employment Research)	4 weeks
Multiple Imputation - Why and How	Prof. Jörg Drechsler (Institute for Employment Research)	4 weeks