

## JOIN THE INTERNATIONAL PROGRAM IN SURVEY AND DATA SCIENCE (IPSDS) AND STUDY ONLINE

All IPSDS courses are online and in English.

- Learn from anywhere in the world
- World-class faculty from leading universities and industry
- Insights from research and practice
- Engage with the material at your own pace
- Small classes
- Video lectures
- Live-video interaction with faculty and peers
- On-site networking meetings
- Partners on five continents

## GET STARTED

### Contact

International Program in Survey and Data Science (IPSDS)  
University of Mannheim  
Professorship for Statistics and Methodology

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[www.survey-data-science.net](http://www.survey-data-science.net)

The program is funded by a grant from the German Federal Ministry of Education and Research as part of the initiative "Aufstieg durch Bildung: offene Hochschulen". More information about the curriculum, admission criteria, etc. are available at [www.survey-data-science.net](http://www.survey-data-science.net)



Photos: <http://survey-data-science.net/imprint>



## INTERNATIONAL PROGRAM IN SURVEY AND DATA SCIENCE

Join the international community of experts

- Designed for working professionals
- Multidisciplinary and modularized curriculum
- Wide range of courses from data generation to data output
- Learn from leaders in the field
- Remote participation

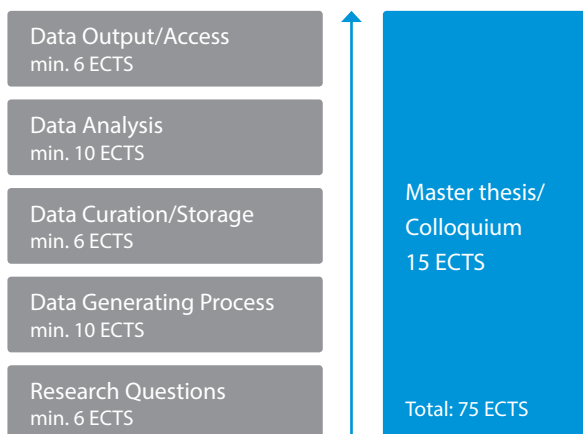


## STUDY PROGRAM

The International Program in Survey and Data Science (IPSDS) equips participants with the knowledge and skills necessary for collecting, managing, and analyzing data from different sources. Students can choose from a wide range of courses from five different topics, allowing them to tailor the curriculum to their own professional needs.

### The IPSDS curriculum covers the following topics:

- **Research Questions**  
e.g., Fundamentals of survey and data science
- **Data Generating Process**  
e.g., Data collection from surveys, social media, and other sources, Record linkage, Statistical matching
- **Data Curation/Storage**  
e.g., Database management, Editing, Coding, Imputation
- **Data Analysis**  
e.g., Statistical methods, Advanced analytics including Bayesian methods, Analysis of hierarchical data, Small area estimation
- **Data Output/Access**  
e.g., Visualization, Disclosure control, Ethics, Privacy



## PREREQUISITES AND ADMISSION

### Who should apply?

The online program is designed for those working at market and social research organizations, statistical agencies, and other public and private organizations that use survey and organic data." In general, IPSDS is appropriate for people working in data collection and data analysis.

### Applying to IPSDS

- Admission to IPSDS is limited to 20 participants per year
- Check [www.survey-data-science.net](http://www.survey-data-science.net) for exact admission dates

### IPSDS Admission Requirements

- Academic degree (min. Bachelor's degree)
- At least 12 ECTS in mathematical/applied statistics
- At least one year of work experience in a position working with data
- English proficiency



## OUR PARTICIPANTS ABOUT IPSDS

"Joining IPSDS has been one of the best things I have done in years. The program vitalized my passion for survey and data science. I am given an opportunity to study with knowledgeable professors and excellent fellow students. The program opened up a great network that I did not have before."

**Shubila, Statistics Sweden**

"I work and I have two kids, therefore flexibility is very important for me. I can study whenever and wherever I want. I can also adjust the content of the courses to my needs."

**Sara, Statistics Institute of the Balearic Islands (Spain)**

"I learned a lot through the program. The courses I took changed the way I work with data. I also wanted to change my job and the program helped a lot with that as well."

**Markus, OBI DIY Stores (Germany)**

"The professors are great and I like that the knowledge I gain can always be applied to real-life cases."

**Natalie, Center of Surveys and Longitudinal Studies (Chile)**