Info-Meeting
MSc Social and Economic Data Science (SEDS)

Kathrin Krautheimer (Program Coordinator MSc SEDS)
Orr Borin (Student MSc SEDS)
Konstanz, 25 January 2023
Ready for a new adventure?
Job opportunities

- Our students and alumni are pursuing very individual career paths. For example, they work as data scientists, data engineers, machine learning engineers, data analysts, BI specialists, etc.
- The job profile "Data Analysts and Scientists" is listed as number 1 of the Top 10 emerging jobs with a growing job demand for the year 2025 (Future of Jobs Report of the World Economic Forum)

“The SEDS program is challenging but flexible: You can get well prepared either for a data science position in the business/non-profit/public sector, as well as for a Ph.D. program that focuses on empirical research.”

(Qixuan Yang, MSc SEDS, 2018)
Curriculum

1st + 2nd semester

- Introduction to Computational Methods for the Social Sciences (9 ECTS)
- Foundations of Data Science (18 ECTS)

2nd + 3rd semester

- Module Advanced Methods: Computer Science (18 ECTS)
- Module Advanced Methods: Statistics (18 ECTS)
- Module Programming and Scripting (12 ECTS)
- Module Social Science Applications (18 ECTS) – Internship, DSP

4th semester

- Colloquium (3 ECTS) + MA-Thesis (24 ECTS)

Further information: wiwi.uni.kn/seds
Internships within your studies

You want to get credits for your internship? Great!

- **6 ECTS**
- **Working hours**: full time = 35 hours/week (half time also possible upon consultation)
- **Minimum duration**: 6 weeks (full time)/12 weeks (half time)
The SEDS program is cooperating with cyberLAGO in order to offer our students best conditions for an easy career start in the region!

cyberLAGO is the network of digital experts in the international Lake Constance region and the central point of contact for all questions relating to digitization, digital transformation and IT.

cyberLAGO offers our students an exclusive job market to get internships and student working positions in the regional digital business sector.
Data Science Project

You want to apply your acquired knowledge from your studies in practice? Go for the DSP!

- 6 ECTS
- Innovative teaching and learning format
- Strong focus on applying knowledge
- Great opportunity to work independently on a project at a university’s chair or with external partners
Going abroad?

There are many options to do a semester abroad within the MSc SEDS program!

Currently, we are setting up new program specific partnerships to enable great studies abroad and make the organization even easier for you 😊

Please see our [website](#) or contact our Erasmus+ Coordinator, Kathrin Ebel >>>>>>>>
Alumni Network

We are continuously fostering our alumni network and planning lots of attractive activities, such as alumni network meetings, alumni talks, company visits, etc.

Testimonials of our alumni can be found on our website: https://www.polver.uni-konstanz.de/studium/master/master-social-and-economic-data-science/career/
Admission Requirements

We are looking for students with different backgrounds (e.g. social science, computer science, etc.) and a strong interest in quantitative methods and empirical research!

- Above average B.A. degree
- Minimum three B.A. courses that cover at least two focus areas (mathematics, statistics, computer science, social-scientific methods)
- Evidence of good English skills (TOEFL, IELTS, Cambridge Certificate OR for students from UKN → min. 30 ECTS BA courses taught in English)
- CV and motivation letter
- Two letters of recommendation from university teachers
- Results of the GRE test desirable
Application Deadline
30 of April

Start of the Program
Winter semester
How to apply

1. Find detailed information on our [website](#)
2. [Contact](#) us if you have any questions
3. Collect and scan all necessary documents → a checklist is also available on our website
4. Apply through our [online application system (ZEuS)](#) – between 15 March and 30 April, 2023

Good luck!
Need advice? Please contact us.

**Kathrin Isabelle Krautheimer**  
Study Advisor and Program Coordinator  
MSc Social and Economic Data Science  
seds.admin@uni-konstanz.de

**Orr Borin**  
Peer Advisor  
msc.seds@uni-konstanz.de
Thank you!
We are looking forward to your application 😊