MSc SEDS Info-Meeting Master Thesis & More

Kathrin Isabelle Krautheimer
seds.admin@uni-konstanz.de

9 Dec, 2021
Outline

- **Exams** winter semester 2021/22 + registration periods
- **Master Thesis** (general requirements, formalities, colloquium, etc.)
- **Writing Center**
- (Data Science Project - DSP)
Exams winter semester 2021/22

You can now find the exam dates for the winter semester 2021/22 on our website:

## Registration periods

<table>
<thead>
<tr>
<th>Department</th>
<th>Seminar registration</th>
<th>Registration for exams</th>
<th>Examination period</th>
<th>Registration for resit exams</th>
<th>Resit examination period</th>
<th>Further information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept. of Economics</td>
<td>18.01. – 25.01.2022</td>
<td>18.01. - 25.01.2022</td>
<td>February 2022</td>
<td>15.03. - 21.03.2022</td>
<td>March/April 2022</td>
<td><a href="https://www.wiwi.uni-konstanz.de/en/advice-and-service/examination-office/">https://www.wiwi.uni-konstanz.de/en/advice-and-service/examination-office/</a></td>
</tr>
<tr>
<td>Dept. of Computer and Information Science</td>
<td>09.11.2021 - 31.01.2022</td>
<td>February 2022</td>
<td>07.03. - 14.03.2022</td>
<td>March/April 2022</td>
<td></td>
<td><a href="https://www.informatik.uni-konstanz.de/en/service-and-support/examinations/exam-registration/">https://www.informatik.uni-konstanz.de/en/service-and-support/examinations/exam-registration/</a></td>
</tr>
<tr>
<td>Dept. of Mathematics and Statistics</td>
<td>01.12.2021 - up to one week before the exam</td>
<td>February 2022</td>
<td>Up to one week before the exam</td>
<td>March/April 2022</td>
<td></td>
<td>https://www.mathematik.uni-konstanz.de_beratung-und-service/pruefungsangelegenheiten/</td>
</tr>
<tr>
<td>Dept. of Psychology</td>
<td>01.01. - 31.01.2022</td>
<td>February/March 2022</td>
<td></td>
<td>no resits</td>
<td></td>
<td><a href="https://www.psychologie.uni-konstanz.de/studieren/pruefungen-krankheit/">https://www.psychologie.uni-konstanz.de/studieren/pruefungen-krankheit/</a></td>
</tr>
</tbody>
</table>

Keep in mind, that there are **various registrations periods** and that the exam registration is only possible during these particular time periods. You can also find an overview of the different registration periods in [ZEuS](https://www.mathematik.uni-konstanz.de_beratung-und-service/pruefungsangelegenheiten/). Exam registration only via ZEuS.
Registration for the Master Thesis
(summer semester 2022)

21 March, 2022

cut-off deadline
Master Thesis Application Form

→ Fill out the form “Application for Admission to the Master’s Thesis” on our website

Include

- A matriculation certificate (“Immatrikulationsbescheinigung”)
- Proof of having passed 60 ECTS credits (transcript)

*If you do not have all necessary ECTS credits on the day of the Master’s thesis registration, submit the proof of the missing credits immediately after receiving your results.*

- Submit all documents to Ms Bozer via email at pruefungsverwaltung.polver@uni-konstanz.de

Requirements for Admission

- Registration at the MSc SEDS
- Right to take examinations
- 60 ECTS (credits)
General requirements

- **Period of completion:** 4 month - 25 of April to 25 of August 2022

- To be completed in the fourth semester

- Written in English

- Contact your suggested first supervisor (“ErstgutachterIn”) and second supervisor (“ZweitgutachterIn”)

  According to § 18 (9) of the Study and Examination Regulations at least one of the assessors must be Principal Investigator or associated Professor of the Graduate School of Decision Sciences.

- Please note: guest lecturers do not supervise

- Find a suggested title of the thesis **before** you submit the **Application for Admission** form

  Module Master Thesis = **27 credits** (24 thesis + 3 colloquium)
Formalities

- **Number of Copies**: 3 copies must be submitted by the specified deadline

- **Length**: The guideline for the master thesis at the Department of Economics is 50 - 70 pages, the other participating departments might have different guidelines (!)

- **Binding**: The master thesis must be securely bound with a front and back cover, for example, by means of cold adhesive binding

- **Duplication**: A high print quality is necessary for written work (for photocopies, use a high quality photocopier)
## Principal Investigators (PIs)

<table>
<thead>
<tr>
<th>PI</th>
<th>Department</th>
<th>Research focus/interests</th>
<th>Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peter Selb</td>
<td>Dept. of Politics and Public Administration</td>
<td>Survey methodology</td>
<td></td>
</tr>
<tr>
<td>Susumu Shikano</td>
<td>Dept. of Politics and Public Administration</td>
<td>Political methodology, spatial models of politics and diverse topics in political behavior</td>
<td></td>
</tr>
<tr>
<td>Sven Kosub</td>
<td>Dept. of Computer and Information Science</td>
<td>Theoretical computer science, algorithms and complexity, discrete mathematics and logic, artificial intelligence, data science, social network analysis</td>
<td></td>
</tr>
<tr>
<td>Michael Grossniklaus</td>
<td>Dept. of Computer and Information Science</td>
<td>Databases and information systems, data stream management systems, algebraic optimization techniques for graph, data stream processing</td>
<td></td>
</tr>
<tr>
<td>Thomas Hinz</td>
<td>Dept. of History, Sociology, Empirical Educational Research and Sport Science</td>
<td>Survey experiments, methods of empirical social research, labor market sociology, social inequality, organizational and economic sociology</td>
<td></td>
</tr>
<tr>
<td>Jan Beran</td>
<td>Dept. of Mathematics and Statistics</td>
<td>Quantitative methods and survey research, statistical data analysis</td>
<td></td>
</tr>
<tr>
<td>Winfried Pohlmeier</td>
<td>Dept. of Economics</td>
<td>Microeconometrics, labor economics and econometrics of ultra-high frequent financial data</td>
<td></td>
</tr>
<tr>
<td>Ralf Brüggemann</td>
<td>Dept. of Economics</td>
<td>Time series econometrics, structural VAR- and VEC-models, forecasting methods, empirical macroeconomics and macroeconometrics, cointegrated VAR models</td>
<td></td>
</tr>
<tr>
<td>Ulf-Dietrich Reips</td>
<td>Dept. of Psychology</td>
<td>Internet-based science, mobile research with smart phones, Internet-based personality tests, and social networking sites</td>
<td></td>
</tr>
</tbody>
</table>

Or associated Professors of the Graduate School of Decision Sciences: To be found [here](#).
External supervisors (university professors)

- External supervisors can only be appointed in well-founded exceptional cases and only as second supervisors
- Have to be university professors
- Must be approved by the Examination Board

What to do?
Talk to the first supervisor (PI) and ask if he/she agrees that an external co-supervision makes sense
- Write a request to the attention of the MSc SEDS Examination Board
- Submit the request together with the curriculum vitae and a publication list of the potential external supervisor to the programme coordinator

Master Thesis within an external company, research institute etc.
- You are welcome to write your master thesis in cooperation with a company, research institute etc.
- Your two supervisors (1. Assessor & supervisor, 2. Assessor) need to be university professors from the University of Konstanz (one of them must be a MSc SEDS PI)
- An external supervisor from the company etc. is not possible
- Pay attention to data security issues
Colloquium

You present the research design of your master thesis in front of your peers and first supervisor and use their feedback to improve, finalize and refine your master thesis!

- **3 ECTS** (ungraded) for your master colloquium
- The Dept. of Politics and Public Administration offers specified research seminars/colloquia every semester → please get informed about the individual registration procedures there!
- For other participating departments individual arrangements need to be arranged
- Once you have found your supervisor (ErstgutachterIn) it is very important to clarify the colloquium with him/her at the very beginning!
- In order to have your colloquium entered into your ZEuS account, your supervisor (ErstgutachterIn) needs to confirm that you have fulfilled the colloquium via email to: seds.admin@uni-konstanz.de (no form required)
Writing Center

- The Writing Centre at the University of Konstanz supports students in furthering their writing competence
- Peer writing tutoring: from student to student
- Tutoring sessions via zoom and on campus. Book your individual appointment: www.uni-konstanz.de/en/writing-centre/our-offers/for-students/writing-tutoring-service/
- Or drop in at their office hours on Wednesdays, 1-2 PM in the Media Lab of the library → no appointment required
- More information: www.uni-konstanz.de/en/writing-centre/
Data Science Project

Provides students with the opportunity to work through a project from its conceptualization scratch down to its (software) implementation. Co-operations with external partners (firms, governmental and non-governmental organizations) are encouraged.

- **6 ECTS** and a grade for the DSP based on the data science project report (min. 5 pages) and a short presentation
- Supervisors: Principal Investigators of the Graduate School of Decision Sciences or Principle Investigators directly associated with the MSc SEDS
- After completing the DSP, the **supervisor** should send an email to seds.admin@uni-konstanz.de **confirming** that the **report** has been submitted and the **presentation** has been held successfully

<table>
<thead>
<tr>
<th>Chair/supervisor</th>
<th>DSP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Database and Information Systems / M. Grossniklaus</td>
<td>Citizen Data Project</td>
</tr>
<tr>
<td>Chair of Economics and Econometrics / W. Pohlmeier</td>
<td>Front-End Design of Portfolio Analytics using R Shiny</td>
</tr>
<tr>
<td>Theory of Computing / S. Kosub</td>
<td>Biases in Football Betting Markets</td>
</tr>
</tbody>
</table>
Thank you!
Happy Christmas season!

Kathrin Isabelle Krautheimer
Coordination MSc Social and Economic Data Science
Department of Economics

Tel: +49 (0) 75 31/88 - 4494
seds.admin@uni-konstanz.de