M.Sc. SEDS
Info-Meeting
2nd semester

Katharina Arendt
Programme Coordinator
seds.admin@uni-konstanz.de

18 April 2023
1. Outline

1. Registration periods summer semester 2023: Exams & seminars
2. Grades for modules
3. ECTS re-allocation
4. Data Science Project (SSA)
5. Internship (SSA)
6. SEDS International
7. Preview Master’s Thesis
8. Pentecost
1. Registration periods: Exams & seminars

<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 Computer and Information Science</td>
<td>01.05. - 15.06.2023</td>
<td>01.05. - 15.06.2023</td>
<td>July/Aug 2023</td>
<td>11.09. - 25.09.2023</td>
<td>October 2023</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>01.05.2023 - up to one week before the exam</td>
<td>July/Aug 2023</td>
<td>Up to one week before the exam</td>
<td>October 2023</td>
<td><a href="https://www.mathematik.uni-konstanz.de/beratung-und-service/pruefungsangelegenheiten/">https://www.mathematik.uni-konstanz.de/beratung-und-service/pruefungsangelegenheiten/</a></td>
<td></td>
</tr>
<tr>
<td>Dept. of History, Sociology, Empirical Educational Research and Sport Science</td>
<td>01.05. - 15.06.2023</td>
<td>July/Aug 2023</td>
<td></td>
<td></td>
<td><a href="https://www.sozioologie.uni-konstanz.de/en/study/ma-sociology/study-organisation/deadlines/">https://www.sozioologie.uni-konstanz.de/en/study/ma-sociology/study-organisation/deadlines/</a></td>
<td></td>
</tr>
<tr>
<td>Dept. of Psychology</td>
<td>01.06. - 30.06.2023</td>
<td>July/Aug 2023</td>
<td></td>
<td></td>
<td><a href="https://www.psychologie.uni-konstanz.de/en/study/exams/">https://www.psychologie.uni-konstanz.de/en/study/exams/</a></td>
<td></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**.
- Exam registration only via ZEuS.
Exams summer semester 2023

The **exam dates** for the summer semester 2023 will be soon published on our website.


Please make sure to **double check the date, time and room** before each exam takes place in ZEuS or on the department's websites as well!
2. Grades for modules

M.Sc. Social and Economic Data Science
Examination Regulations § 11 (3)

- The grade for a module will be the average of the grades for the performance assessments completed in that module.
- The overall grade for the master's examination is calculated as the weighted average from the module grades, with the weight resulting from the relative number of ECTS to be acquired in the modules.
- The module Programming and Scripting worth 12 ECTS is not taken into account for the overall grade.

→ Consequently, the basis for calculating the weight of the other modules is the total number of ECTS to be acquired minus 12: \[ 120 - 12 = 108. \]

- The weight of the grade for the module Introduction to Computational Methods for the Social Science is 9/108 of the overall grade.
- The weight of the other modules is 18/108 each (Foundations of Data Science; Advanced Methods: Computer Science; Advanced Methods: Statistics; Social Science Applications) and 27/108 (Master’s Thesis).

tober.uni.kn/seds
3. ECTS re-allocation

You are allowed to re-allocate up to a maximum of 3 ECTS between the following modules:
- Advanced Methods: Computer Science
- Advanced Methods: Statistics
- Programming and Scripting
- OR: Towards Foundations (not vice versa)

This means that you can collect more credits than necessary in one of the above mentioned modules and then have 1-3 ECTS transferred into another module. ECTS transfer only form graded courses!

<table>
<thead>
<tr>
<th>1st + 2nd semester</th>
<th>2nd + 3rd semester</th>
<th>4th semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Computational Methods for the Social Sciences (9 ECTS)</td>
<td>Advanced Methods: Computer Science (18 ECTS)</td>
<td>Colloquium (3 ECTS) + MA-Thesis (24 ECTS)</td>
</tr>
<tr>
<td>Foundations of Data Science (18 ECTS)</td>
<td>Advanced Methods: Statistics (18 ECTS)</td>
<td>Programming and Scripting (12 ECTS)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Social Science Applications (18 ECTS) – Internship, DSP</td>
</tr>
</tbody>
</table>
4. Data Science Project

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

- **6 ECTS (SSA module)**
- Innovative teaching and learning format
- Strong focus on applying knowledge
- Great opportunity to work independently on a project
- Cooperation with external partners possible
- Must be assessed by a PI
- Further information on our [webpage](#)
## 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>David García</td>
<td>Dept. of Politics and Public Administration</td>
<td>Computational social science, Statistical analysis of digital traces of human 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>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](#).
5. Internship

You want to gain more practical insights? You are welcome to do an internship in Germany or abroad!

- **6 ECTS (SSA module)**
  - Send a request to the Programme Coordinator (seds.admin@uni-konstanz.de) to clarify your internship before starting
  - Include your employer, working hours, duration, field of employment
  - Once your internship has ended you must hand in a confirmation from your employer or an official work certificate
  - Further information on our [webpage](#).
6. SEDS – International

AD BREAK!

- Free Erasmus+ Spots in the Master Program Social Informatics, University of Ljubljana, Slovenia, from WiSe 2023/24

- Exemplary Courses:
  - Data Visualization and Explorative Data Analysis
  - Digital Technologies in Social Science Research
  - Analysis of Large Networks
  - Big Data Analysis
  - Statistical Programming
SEDs – International

Why Ljubljana?

- Very good fit for SEDS students → easy accreditation
- Opportunity to act as pioneer students and shape the partnership
- Accompanied by Erasmus scholarship (490€/month plus top-ups for green travel and fewer opportunities)
- Study in a city with beautiful surroundings and a great location to explore Europe
Stay in the Loop

- Tomorrow, 3:15 PM: General Departmental Info Session → join here!
- SEDS Study Abroad Website
- M.Sc. SEDS Study Abroad Checklist
- International Office Website
- Drop by my office or send me an e-mail 😊

Kathrin Ebel
Departmental Erasmus Coordinator
erasmus.polver@uni-konstanz.de
Room D 326
Tel.: +49 (0) 7531 88 5329
Office Hour: Tue-Thu, 9-11 AM
7. Preview Master‘s Thesis

- Master’s thesis registration deadlines
  - Winter semester: September
  - Summer semester: March

- Concrete dates published well in advance via mailing list

- Writing time: 4 month

- Module “Master’s Thesis” counts 27 ECTS: Written thesis (24 ECTS) + Colloquium (3 ECTS)

- Master’s Thesis should be completed in the fourth semester (ideally)

- Master’s Thesis registration prerequisite: 60 ECTS of the programme completed

- To register please use the form „Application for Admission to the Master Thesis“ (download on our webpage)

- One assessor must be Principal Investigator or associated professor of the Graduate School of Decision Sciences

- Has to be written in English

- You will find more details on our webpage
Master’s Thesis at the Department of Computer and Information Science

- Comprises approximately the last **two semesters**
- Consists of the seminar, the project, the master’s thesis and the colloquium
- By choosing the seminar you already set the direction of your master’s thesis
- In case you want to write your master’s thesis in the fourth semester, attending the seminar has to be planned well in advance
- Further information available on SEDS [webpage](#) and the [webpage](#) of the Department of Computer and Information Science
- There will be another info-meeting with **further details in July**
Lecture free period around Pentecost

5 June – 11 June 2023

Find further semester dates here.
AK SEDS

We want you for **AK SEDS** to help us plan events for this semester!

- SEDS Summer Running Dinner
- SEDS BBQ
- SEDS Game Day
- Any other ideas you have for SEDS events!

Contact us here: seds.ak@uni-konstanz.de or just talk to us in person.
For more information you can visit our [webpage](#).
Thank you and
Have a great summer semester!

Katharina Arendt
Programme Coordinator
M.Sc. Social and Economic Data Science
Department of Politics and Public Administration

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