Course report Faculty of Technology and Society

This course report is based on student feedback and submitted course evaluations, exam results and the teacher's idea for further development. The course report is published on the course website and Canvas-site.

Course name	Research Methods, Data Analysis, and Communication
Course code	DA625E
Semester	HT24
Number of registered students	7
Course coordinator	Hussan Munir

	Course report is published on Canvas-site
	Course report is published on course webpage

Compulsory course evaluation

Number of responses to the compulsory course evaluation	3

The compulsory course evaluation has been conducted through:

	Standard template via SSR (Sunet Survey and Report)
	Extended standard template with *own questions* via SSR
X	Own evaluation method by the course coordinator
If own evaluation method was conducted, describe how: I have created my own survey based on the specific learning outcomes of the course.	

Additional evaluations that were conducted during the course.

	Separate survey
	Oral evaluation in class
	Oral evaluation in smaller groups
	Other evaluation method
If other evaluation method was conducted, describe how: I have distributed a course evaluation survey and collected oral feedback during the course.	

Comments on the course evaluations

- **Below are the comments given by students in the course.**

⇒ The programming part and the systematic literature review part. I also liked the structure of the research proposal
⇒ The teacher was great, so clear in his teaching, and really open and available to help us whenever we needed it.
⇒ I also liked that he was a bit strict with the quality of our deliveries, which helped us grow and pushed us to go beyond.
⇒ It was really good how the teacher structured the course. It was easy to follow and understand. And the fact that we had to deliver the research proposal step by step, part by part, was great. It was easier to go through.
⇒ Usage of Python and libraries for data visualization and preparation for the master thesis in terms of structuring a report.

- **Suggested improvements from the students in the course (student comments).**

⇒ Actually i cant come up with something
⇒ This course was top-class. But I could suggest two things:
⇒ 1. It would be great if students could take this course earlier, at least in the second semester.
⇒ 2. The analysis part was so short that it would be nice to have more information or classes about it.

Examination results

X	Examination results are as expected
	Examination results are not as expected

The results were expected as most of the students had some level of prior research methods knowledge.

Recommendations and priorities for the course development

Overall, the students are satisfied with the course's learning outcomes, and their feedback suggests that they find the course valuable before starting their master's thesis. The course evaluation reflects overall satisfaction, with students valuing the comprehensive understanding of research methodologies and practical skills, particularly in Python and data visualization. The instructor’s teaching style was noted as clear and engaging. Students felt more confident in selecting methodologies, collecting data, and presenting findings before starting their master's thesis. However, some students suggested that offering this course earlier could better support their research projects more effectively. They also recommended expanding the analysis section with additional information.