This excerpt is an English translation of the original and legally binding German document "Wegleitung zur Studien- und Prüfungsordnung der Kultur- und Sozialwissenschaftlichen Fakultät – Masterstufe» vom 27. Mai 2024. It serves for information purposes only.

IV Guidelines for the integrated master's programme Lucerne Master in Computational Social Sciences (LUMACSS)

Section 17 *Contents of the programme*

The Faculty of Humanities and Social Sciences of the University of Lucerne offers the English language master's programme *Lucerne Master in Computational Social Sciences* (hereinafter: *LUMACSS*). The LUMACSS programme consists of the following modules and the master's procedure:

- *Social Sciences* module
- *Statistics and Quantitative Methods* module
- *Computational Sciences and Digital Skills* module
- *Practical Skills* module

Section 18 *Study requirements and credits (cr)*

[1] The following study requirements are to be successfully completed during the master's programme:

In the *Social Sciences* module (20 cr):

- Lectures and/or colloquium lectures (6 cr)
- Two master's seminars at 4 cr each (8 cr)
- A written master's seminar paper (6 cr)

In the *Statistics and Quantitative Methods* module (21cr):

- Two master's seminars at 4 cr each (8 cr)
- Methodological seminar *Research Design and Methods in Quantitative Research I* (4 cr)
- Colloquial lecture *Introduction to Statistics for the Social Sciences* (3 cr)
- A written master's seminar paper (6 cr)

In the *Computational Sciences and Digital Skills* module (22 cr):

- Master seminar *Introduction to R for Data Science & Computational Social Science* (4 cr)
- Master seminar *Data Mining in R* (4 cr)
- Master seminar *Introduction to Python* (4 cr)
- Other academic achievements (8 cr)
- A master's thesis colloquium (2 Cr)

In the *Practical Skills* module (22Cr):

To be fulfilled by completing one of the following three options:

- Option 1: A free choice of the courses offered by the Faculty of Humanities and Social Sciences (KSF) totalling 22 cr, of which a maximum of 6 cr can be achieved in voluntary university engagement
- Option 2: Completion of a self-organised *capstone* project (10 cr) as well as a free choice of the courses offered by the KSF totalling 12 cr, of which a maximum of 6 cr can be achieved in voluntary university engagement

- Option 3: Completion of a self-organised internship (10 cr) as well as a free choice of courses offered by the KSF totalling 12 cr, of which a maximum of 6 cr can be achieved in voluntary university engagement

In the master's procedure (35 cr):

- Master's thesis (30 cr)
- Oral defence of the master's thesis (5 cr)

[2] The student advisor of the study program decides in consultation with the program director about the attendance of courses offered by other faculties and courses outside of the University of Lucerne as well as on the crediting of internships and capstone projects.

Section 19 *Master's thesis*

[1] The master's thesis must be on a topic covered in the modules *Social Sciences*, *Statistics and Quantitative Methods*, and *Computational Sciences and Digital Skills*.

[2] The master's thesis is deemed passed if it is awarded a grade of at least „sufficient (4.0)".

Section 20 *Oral defence of the master's thesis*

[1] The oral defence of the master's thesis is an oral assessment of 60 minutes on the content of the master's thesis (including the consulting time for the determination of the grade). A completed master's thesis is a requirement for carrying out the oral defence of the master's thesis.

[2] For the defence of their master's thesis, students generally select the first supervisor of their master's thesis as their examiner. In exceptional cases, the defence can also be made to the second supervisor or another lecturer who is authorised to examine this. In order to do this, a substantiated request must be submitted to the examination committee of the KSF before application for the master's procedure.

[3] The other conditions for the written master's thesis and the oral defence are guided by the provisions for master's theses and oral master's examinations.

Section 21 *Repetition of the oral defence of the master's thesis*

An oral defence which has not been passed can be repeated once.

Section 22 *Completion*

[1] Anyone who has earned all credits required and who has passed the master's thesis and the defence of the master's thesis can complete the master's programme.

[2] Successful completion shall confer the title of „Master of Arts (MA) in Computational Social Sciences" on the graduate.