

**UNIVERSITY OF
LUCERNE**

**FACULTY OF HUMANITIES AND
SOCIAL SCIENCES**



**LUCERNE MASTER
IN COMPUTATIONAL
SOCIAL SCIENCES**



THE LUCERNE MASTER IN COMPUTATIONAL SOCIAL SCIENCES

The Lucerne Master in Computational Social Sciences (LUMACSS) is a study programme that has been specially designed to meet the challenges of the digital age.

LUMACSS is inspired by the idea that only crossing disciplinary boundaries enables one to fully understand the rapidly evolving social and political dynamics, and to devise the best solutions to real-world problems. LUMACSS students thus develop a well-grounded knowledge of social science fundamentals in addition to acquiring the statistical, computational and programming skills needed to competently approach the digital transformation.

LUMACSS thus invites applications from social science graduates interested in the manifold aspects and effects of digitization and who seek to strengthen their statistics and computation skills. The programme is also very well suited to computational sciences graduates, eager to learn how to best apply their computational skills to social sciences data and research questions.

LUMACSS comprises 120 ECTS and consists of four modules, where students learn to face the opportunities and challenges of the digital era:

1. Social Sciences
2. Statistics and Quantitative Methods
3. Computational Sciences and Digital Skills
4. Practical Skills

PROGRAMME COORDINATOR

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