

# OPENING WEEK 2024

## THE LEUPHANA SEMESTER

OVERVIEW OF THE INTERDISCIPLINARY MODULES

→ College



# WHO WE ARE

OPENING WEEK + CONFERENCE WEEK

RESPONSIBILITY  
MODULE

DATAx

METHODS MODULE

CRITIQUE MODULE



Sven Prien-Ribcke -  
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Leonie Schmitt -  
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Dr. Lina Bürgener -  
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Dr. Charlotte Gohr -  
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Dr. Laura Picht-Wiggering -  
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Prof. Dr. Daniel Fischer -  
*Responsibility*



Prof. Dr. Burkhardt Funk -  
*Responsibility*



Prof. Dr. Henrik von Wehrden -  
*Responsibility*



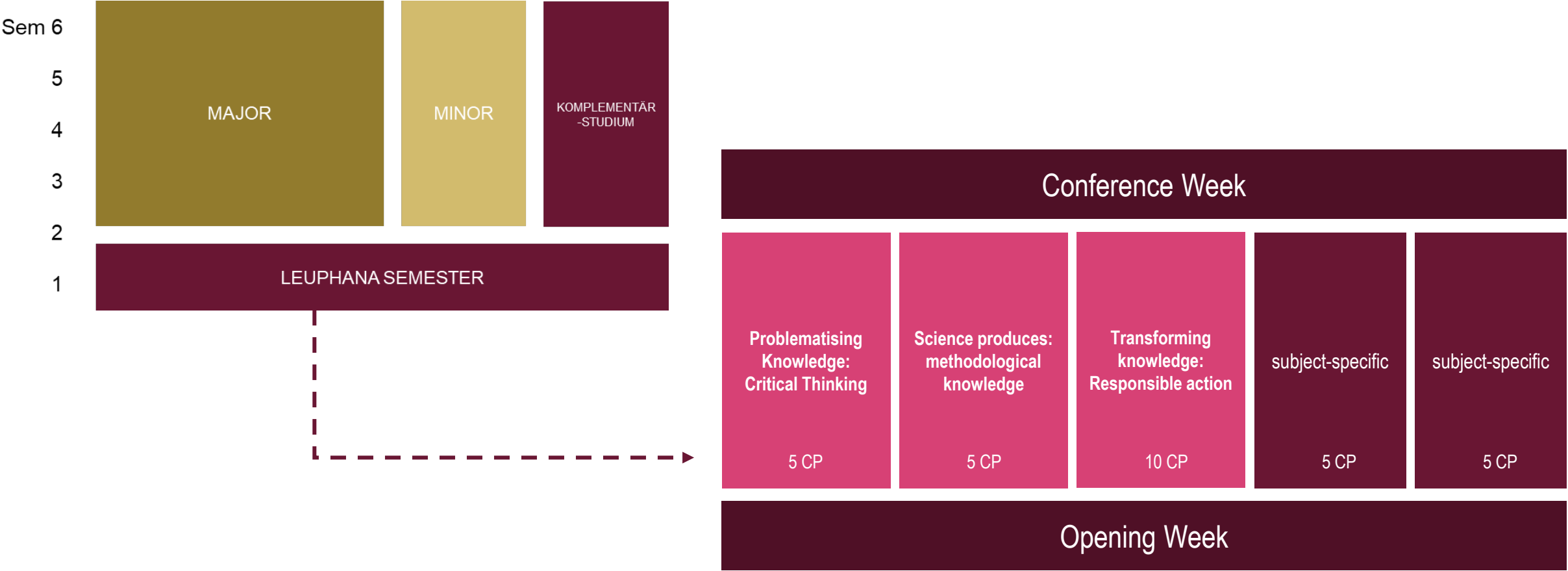
Prof. Dr. Roberto Nigro -  
*Responsibility*



# LEUPHANA SEMESTER



# WHAT IS THE LEUPHANA SEMESTER?



# PROBLEMATISING KNOWLEDGE: CRITICAL THINKING



# CONTENTS OF THE MODULE

How do societies think?  
How do societies communicate?

Lecture

- An interdisciplinary event fostering networking and critical discussions on questions like cultural conditioning and societal values.
- Overview over the topic of the module

Seminars

- An introduction to scientific thinking, literature study, and focused argumentation on topics like media's societal role, history, or digitalization effects.
- The examination will take place as a portfolio in your seminar.

	The lectures in the Semester 2024/25
15.10.	Introduction
22.10.	Individual and society
29.10.	Freedom
05.11.	Values
12.11.	Power
19.11.	Culture
26.11.	Memory
03.12.	History of communication
10.12.	Ethics in communication
17.12.	Conclusion



# PRODUCING KNOWLEDGE: METHODOLOGIES I



# CONTENTS OF THE MODULE

What are basic scientific methods?

Lecture

- A flipped classroom lecture featuring online content delivery and live Q&A sessions, offering an overview of diverse scientific methods and their implications
- A written test accounts for 50% of the module grade.

What are aspects of specific methods?

Seminars

- A diverse range of seminars providing in-depth insights into various facets of concrete methodologies.
- Varying examination formats account for 50% of the module grade

The lectures in the Semester 2024/25	
15.10.	History of methods
22.10.	Methods in Science
29.10.	Data & Methods
05.11.	DATAx – How computers work
12.11.	DATAx – Programming 101
19.11.	DATAx – Computational Thinking
26.11.	DATAx - Machine Learning
03.12.	Experiments and Hypothesis
10.12.	Causality & correlation
17.12.	Bias & critical thinking
07.01.	Scientific methods and paradigms
14.01.	Emergence of agency
21.01.	Mixed methods
28.01.	Transdisciplinary Research



# TRANSFORMING KNOWLEDGE: RESPONSIBLE ACTION





# CONTENTS OF THE MODULE

What are the key questions in transformation?

Lecture

- An interdisciplinary event that sheds valuable light on defining one's role and responsibility in a rapidly changing world, integrating the perspective of all schools of Leuphana.

Where can we start to shape change?

Seminars

- Centering on a specific facet of transformation, explored and conveyed through collaborative, research-based learning in groups.
- A project presentation and report make up 75% of the module grade.

Can data and programming thrive change?

DATAx Exercices

- Hands-on, project based introduction to coding, data analysis, and ML
- A mix of practical assignments makes up 25% of the module grade.

The lectures in the Semester 2024/25	
14.10.	The great transformation - introduction – Daniel Fischer & Burkhardt Funk
21.10.	Climate Change – Daniela Jacob <i>Climate Service Center Germany</i>
28.10.	Digitization and AI – Ricardo Usbeck <i>School of management and technology</i>
04.11.	Sustainability reporting – Patrick Velte <i>School of management and technology</i>
11.11.	Sustainability law – Jelena Bäumlér <i>School of public affairs</i>
18.11.	Biodiversity – Sylvia Haider <i>School of sustainability</i>
25.11.	Sustainability education – Torben Schmitt <i>School of education</i>
02.12.	Human rights, democracy & participation – Anna-Katharina Hornidge <i>German Institute of Development and Sustainability</i>
09.12.	Sustainability and Culture – Jan Muggenburg <i>School of culture and society</i>
16.12.	Research and education - quo vadis? – Daniel Fischer & Burkhardt Funk
20.01.	Preparation of the conference week



# CONTACT

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