







Andrea Bossmann



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Research Group Erlemann

Gender & Science Studies in Physics



Lisa-Marie Rudek



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Our research

We do research in the fields of **Gender Studies in STEM** and **Science and Technology Studies.**

We apply qualitative methods of the social sciences (interviews, discourse analysis, ethnographies).

Our current research projects:

Diversity in the physics workplace – A case study at Freie Universität Berlin (2022-2024)

Studies the impact of gender, race, social background on the workplace cultures in physics.

Funded by the department of Physics.

WomenInQuantumTech (2024-2027)

- Studies the non-/visibility of excellent women in quantum technologies.
- Will be funded by the Ministry of Education and Research (BMBF).



Our teaching

Introductions into the research fields of **Gender & Science** and **Science & Society**

Benefits for BA + MA Physics and MA Education:

- You learn about social and cultural embeddings of physics and its technological applications.
- You learn inasmuch gender, ethnicity and the social background of physicists play a role in a career in physics.
- You learn how to teach physics in a gender- and diversityaware way.

Current courses:

Science as Social Practice, Lecture + Tutorial, Thu 2-4



Gender & Diversity in Physics Seminar, Mon 12-2



Al, Data, Algorithm & Power, Seminar, 22 July – 8 August



Gender & Diversity in der MINT Bildung,

Seminar, Wed 10-13



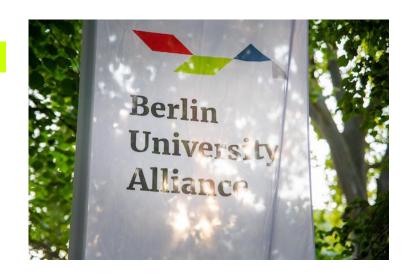
New BUA Certificate Program: Gender & Diversity in Science & Technology Studies

The BUA Certificate Program is a study program that ...

- offers courses on basic and applied knowledge of Gender and Diversity Studies on Science & Technology,
- encompasses courses at Freie Univ. Berlin and TU Berlin that are open to students of all fields.

You will learn ...

- to understand the significance of social inequality in and through science and technology e.g. in and through AI,
- about the relevance of gender and diversity for global technological challenges e.g. for climate change,
- to communicate and apply gender and diversity perspectives in your future profession (in research, business, civil society, ...).





New BUA Certificate Program: Gender & Diversity in Science & Technology Studies

The BUA Certificate Program

- is studied "on top" of your MA studies
- can be studied in two semesters (15 or 18 CP)
- can often allow double crediting (e.g. in MA Physics + in BUA Certificate).
- Participation in single courses of the program is possible.

You get:

- a certificate from the Berlin University Alliance,
- sought-after competencies that you can benefit from in your professional future.

Find out more:

https://www.tu.berlin/pruefungen/berlin-university-alliance/bua-certificate-program-gender-diversity-<u>in-science-technology-studies</u>

Berlin University Alliance

Master theses

Can I write my Master thesis in the field of Gender & Science Studies in Physics?

If you are doing your **Master studies in physics**:

No, the study regulations do not allow this. If you are doing your **Master of Education in physics**:

- Yes, you can write your Master thesis within the field of Gender & Science Studies in Physics.
- Choose a topic according to your interests and contact me. We will design your project together.

Want to know more about our research, teaching or the BUA certificate ??

Address me later in the networking session!