

Block Course WS 2024/2025

Cycling for everyone: Interactive workshop series for barrier-free cycling in Münster

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Content of the lecture

The interactive lecture series aim to encourage collaborative research on exploring the bikability in Münster as an overall cycling experience that is perceived differently by everyone. Series of interactive lectures and brainstorming sessions will enable students to learn and practice different data collection techniques that relies on inclusive participation and collaboration. This includes hybrid models that combines traditional methods such as focus group discussions and workshops with crowdsourcing (e.g. collective mapping) and online participation. In this scope, first the concept of bikability will be explored and discussed as an experience, then its indicators will be addressed and how they are perceived will be investigated with a strong focus on barrier-free accessibility.

The expected outcome of this block course is **a plan and implementation of a barrier-free cycling campaign** in Münster. To achieve this, the course will be designed in the form of a) interactive theoretical lectures that aim to discuss the key concepts of barrier-free cycling, bikability, and participation, and b) workshops that will encourage students to learn by doing. During the workshops the students will have a chance to develop, discuss, and implement their own ideas to start a barrier-free cycling campaign in Münster over the topics that covered in the theoretical lectures. For this purpose, groups will be formed that work on various specific areas of responsibility such as public reach and recruitment, route planning, data collection, and data analysis. This also means that the course will take place partly in interaction with civil society actors. The course will also allow students to experiment different data collection tools and platforms such as mobile bike sensors and Open Sense Map. The students will be equipped by necessary tools during the workshops.

Other:

The number of participants is limited to 25. The participants will come from various geoscientific courses. The seminar dates take place as block events. All meetings will take place in person and there is no requirement for previous technical knowledge.

Expected meeting and block dates are:

- Mon. 17. Feb., 10:00 – 14:00: Introduction of the course, definitions and terms
- Di. 18. Feb. 10:00 – 14:00: Block date (interactive lecture, brainstorming sessions)
- Do. 20. Feb. 10:00 – 14:00: Block date (interactive lecture, brainstorming sessions, forming groups)
- Mo. 24. Feb. 10:00 – 17:00 Block date (Workshop, planning the campaign)
- Di. 25. Feb. 10:00 – 17:00 Block date (Independent group work, planning the campaign)
- Mi. 26. Feb. 13:00 – 15:00 Block date (Interim discussions / presentations)
- Do. 27. Feb. 10:00 – 17:00 Block Date (Independent group work, planning the campaign)

- Fri. 28. Feb. 10:00 – 14:00 Block date (Final Plan)
- In the period from 24 to 28 March: occasional short in-person appointments and two days barrier-free cycling campaign (exact dates will be announced as soon as possible depending on the weather conditions and organisational decisions)
- Mo. 31 March: Evaluation meeting (13:00 – 15:00)

Optional readings:

- Castañón, U. N., & Ribeiro, P. J. (2021). Bikeability and emerging phenomena in cycling: Exploratory analysis and review. *Sustainability*, 13(4), 2394.
- Rudy/Rose, Jeff/Standridge, Sarah H./Pruitt, Courtney L. (2020): „Experiences of urban cycling: Emotional geographies of people and place“, in: *Leisure Studies* 40 (1), S. 82-95.
- Jungnickel, Katrina/Aldred, Rachel (2014): „Cycling’s sensory strategies: How cyclists mediate their exposure to the urban environment“, in: *Mobilities* 9 (2), S. 238-255.
- Popan, Cosmin (2020): „Beyond utilitarian mobilities: Cycling senses and the subversion of the carsystem“, in: *Applied Mobilities* 5 (3), S. 289-305.
- Gan, Z., Yang, M., Zeng, Q., & Timmermans, H. J. (2021). Associations between built environment, perceived walkability/bikeability and metro transfer patterns. *Transportation Research Part A: Policy and Practice*, 153, 171-187.