

Open Position: We are looking for **6 Student Assistants (m/w/d)**!

Job description

The Chair of Urban Structure and Transport Planning is dedicated to advancing sustainable mobility through innovative teaching, research, and practical solutions. Our work focuses on integrated land-use and transport strategies, accessibility modeling, and enhancing governance processes across various scales. We engage in international research, collaborate with key stakeholders, and actively contribute to knowledge exchange through conferences, workshops, and publications. As a student assistant, you will support our efforts in teaching, project work, or networking, gaining valuable experience in shaping the future of urban mobility.

In teaching, we are looking for three student assistants for our courses

- [Grundlagen der Verkehrsplanung](#) (German, starting 01.01.25, until 31.03.25),
- [Interactions of Land-Use and Transport](#) (English, until 31.03.25),
- [Mixed Methods](#) (English, until 31.03.25).

We are also looking for three assistants for the following projects:

- [Accessibility Planning/ UNLOCK15](#) (English, 1-year contract): Empowering People for Transitions to Unlock the 15-Minute City. Empower Citizens: Compile, develop, and test various tools designed to empower citizens in the transition process towards the 15-Minute City, enhancing their engagement and participation. Co-create Narratives: Develop and apply methods for co-creating common local narratives and envisioning possible futures with community stakeholders, ensuring inclusive and participatory planning processes.
- [MOSAIQ](#) (German, 1-year contract, with the possibility of extension): a transformative, transdisciplinary research project which aims towards climate-resilient, livable, and car-reduced neighborhoods. In participation with various stakeholders and residents, street space reallocation measures and alternative mobility concepts will be temporarily tested.
- [Urban Green Infrastructure \(UGI\) for Active Mobility](#) (English, 1-year contract): This project investigates the detailed impacts of urban green infrastructure on pedestrians' and cyclists' comfort. We research the daily user experience of active modes through a combination of qualitative and quantitative data. In this research, you will get to learn about UX in mobility, urban green infrastructure and the promotion of active mobility.

Tasks

Depending on the position, the tasks consist of:

- **Teaching:** Revision and creation of teaching materials and exercises, recording of material
- **MOSAIQ:** Support in preparing and conducting qualitative research in the field (participatory action research, interviews, focus groups) and quantitative research (surveys)/desk research as well as in other project work. As the project work is generally more practice-oriented, the student assistant should be highly motivated to engage with people and have a hands-on mentality. Ideally knowledge in graphic design software and familiarity with quantitative/qualitative research methods. German as mother tongue or at least C1 is required.
- **UGI for Active Mobility:** Assistance is sought in one or more areas including spatial, quantitative and qualitative analysis (tools such as R, Python, GIS, Excel, Adobe Illustrator, Image and video processing, English proofreading). Knowledge of German language is preferred but not required. Applications with background in software engineering, transportation planning and urban planning are welcome.

We offer

- An international, interdisciplinary, open, and highly competent team
- Good networking opportunities
- A weekly working time of at least 7 hours up to 14 hours

General qualification

Your profile should meet the following specifications:

- Ability to work independently and strong motivation
- Attention to detail and adherence to deadlines
- Knowledge of the subjects covered in our courses and projects
- Excellent command of written and spoken English (minimum C1), and/or German (depending on the job)

Please check the job and tasks descriptions for specific qualification requirements.

Application

Please send your application documents (CV and letter of motivation as one pdf document) until October 20, 2024, by e-mail to:

- Accessibility Planning/UNLOCK15: benjamin.buettner@tum.de
- Grundlagen der Verkehrsplanung: yihan.xu@tum.de
- Interaction of Land-Use and Transport: sebastian.seisenberger@tum.de
- Mixed Methods: simone.aumann@tum.de
- MOSAIQ: simone.aumann@tum.de
- UGI for Active Mobility: mahtab.baghaie@tum.de

Please indicate in your application which position you apply for.