

**APASTE:**  
**Urban Sustainability in a Global Context**  
 (Ausgewählte Probleme der allgemeinen soziologischen  
 Theorie und Empirie (APASTE):  
 Städtische Nachhaltigkeit in einer globalisierten Welt)  
 (Winter Semester 2020/2021)



## Course Outline

### Aims of the Course

The course aims at giving students an overview over the various aspects of urban sustainability, as defined in the **Sustainable Development Goal #11 (SDG #11)** of the United Nations' Agenda 2030. SDG # 11 aims to **"make cities and human settlements inclusive, safe, resilient and sustainable"**. SDG # 11 thus addresses all dimensions of sustainability namely:

- **social sustainability** by reducing poverty, spatial segregation and social inequality on various dimensions (e.g. class, gender, race/ethnicity, age and disability)
- **economic sustainability** by overcoming economic exclusion, creating career and business opportunities for all income groups and building resilient societies and economies
- **ecological sustainability** by reducing negative environmental impacts of cities, by reducing the negative impact of disasters and climate change on cities and by protecting and safeguarding the world's natural and cultural heritage.

SDG #11 in particular aims at giving access for all to adequate, safe and affordable **housing, green and public spaces, transport system** as well as basic services (such as **water, food, electricity, sanitation, waste disposal, internet, heating and/or cooling, clean air, education, work/jobs, health care, leisure activities and sports**).

The course addresses these issues by (1) discussing how cities can be transformed by urban planning and design, (2) introducing the various dimensions of social inequality that need to be addressed in order to achieve social sustainability, (3) discussing how social, economic and ecological sustainability are entwined and (4) discussing each of the substantial dimensions addressed by SDG #11. This is done by dedicating each week to a different topic.

The course is part of the mandatory program of Action 3-1 in the "Global Center of Spatial Methods for Urban Sustainability" (GCSMUS), but it is also open to bachelor and master students at TU Berlin.

### The Global Center of Spatial Methods for Urban Sustainability (GCSMUS)

The GCSMUS ([www.mes.tu-berlin.de/GCSMUS](http://www.mes.tu-berlin.de/GCSMUS)) is funded by the German Federal Ministry for Economic Cooperation and Development (BMZ) via the DAAD program "Higher Education Excellence in Development Cooperation – exceed". GCSMUS is based at Technische Universität Berlin (Germany) and connects 48 institutional partners from 48 countries and 8 world regions. Focusing on the Sustainable Development Goal #11 of the United Nations' Agenda 2030 to "make cities and human settlements inclusive, safe, resilient and sustainable", the center aims at developing transdisciplinary spatial methods in order to improve both the academic education in the spatial disciplines and planning practice via evidence-based and low-impact urban development (LIUD).

In order to achieve these goals, the center is organized as a peer-learning process and will implement several strategic Actions between 2020 and 2024, amongst them **Action 3-1** (details see GCSMUS website) which will be implemented between 01.09.2020 and 28.02.2020. During this time, aspiring **42 Ph.D. students from the Global South** will come to TU Berlin in order to develop a Ph.D. proposal. The countries they come from are as varied as Argentina, Botswana, Brazil, Chad, China, Cuba, Egypt, India, Indonesia, Iran, Kazakhstan, Lao, Malawi, Morocco, Mexico, Mongolia, Namibia, Nigeria, Peru, Macedonia, Serbia, South Africa, Tanzania, Zambia and Zimbabwe. As they will also participate in this course, TU Berlin students will have to **chance to meet and mingle with these students** – if this works out well, it might be the first step for a more long-term collaboration.

### Course Elements

The main course element is a weekly seminar via Zoom from **07.09.2020 – 28.02.2021**.

The course link will be distributed to participants via email on 02.09.2020. It will likely be:  
<https://tu-berlin.zoom.us/j/99956626480?pwd=UnY3TUxCMmxONkp3Witub3Fxb3h2UT09>

## Course Plan (WiSe 2020/2021)

### 1. Social Sustainability: Reducing Social Inequality

Who (Name, Website)	Title	Date	Time
Nina Baur	<b>Introduction to the Course Programme &amp; Social Sustainability: Global Inequality, Regional Disparities, Rural-Urban-Divides and Between-City-Inequality (Mandatory)</b>	07.09.20	13.00 – 16.00
Nina Baur	<b>Race &amp; Ethnicity</b>	09.09.20	08.00 – 10.00
Thando Tilman	<b>Science Communication: Blogging – Twitter – Facebook</b> Different Zoom Link: <a href="https://bit.ly/3jE1zRz">https://bit.ly/3jE1zRz</a>	10.09.20	08.30 – 10.00
Maria Norkus <a href="http://www.mes.tu-berlin.de/Norkus">www.mes.tu-berlin.de/Norkus</a>	<b>Social Class, Income and Poverty</b>	28.09.20	08.30 – 10.00
Christoph Scherrer International Center for Development and Decent Work (ICDD), DAAD Exceed Center in Kassel (Germany) <a href="https://www.uni-kassel.de/einrichtungen/international-center-for-development-and-decent-work-icdd/research.html">https://www.uni-kassel.de/einrichtungen/international-center-for-development-and-decent-work-icdd/research.html</a>	<b>Rural-Urban-Connections, Decent Work in Agricultural Value Chains and Organizing the Informal Economy</b>	28.09.20	16.00 – 18.00
Maisha Maureen Auma <a href="https://www.zifg.tu-berlin.de/menue/mitarbeiter_innen/maisha_maureen_auma/">https://www.zifg.tu-berlin.de/menue/mitarbeiter_innen/maisha_maureen_auma/</a>	<b>Who needs Feminism? Intersectional and Decolonial Perspectives</b>	05.10.20	14.00 – 16.00
Nina Baur	<b>Gender and Space (1) – Violence Against Women</b>	06.10.20	08.00 – 10.00
Susann Fegter <a href="https://www.ah-ewi.tu-berlin.de/menue/team/fachbereichs-leitung/parameter/en/">https://www.ah-ewi.tu-berlin.de/menue/team/fachbereichs-leitung/parameter/en/</a>	<b>Children and Young People</b>	12.10.20	08.30 – 10.00
Clemens Tesch-Roemer <a href="https://www.dza.de/dza/mitarbeiterinnen.html?tx_dzas-taff_view%5Baction%5D=show&amp;tx_dzas-taff_view%5Bcontroler%5D=Employee&amp;tx_dzas-taff_view%5Bemployee%5D=39&amp;cHash=5d14bb280840897a921f8f256d8d80f1">https://www.dza.de/dza/mitarbeiterinnen.html?tx_dzas-taff_view%5Baction%5D=show&amp;tx_dzas-taff_view%5Bcontroler%5D=Employee&amp;tx_dzas-taff_view%5Bemployee%5D=39&amp;cHash=5d14bb280840897a921f8f256d8d80f1</a>	<b>Old Age and Ageing</b>	12.10.20	14.30 – 16.00

### 2. Environmental Sustainability: Climate Change

Who (Name, Website)	Title	Date	Time
Anita Engels <a href="https://www.wiso.uni-hamburg.de/en/fachbereich-sowi/professuren/en-gels/team/engels-anita.html">https://www.wiso.uni-hamburg.de/en/fachbereich-sowi/professuren/en-gels/team/engels-anita.html</a>	<b>Environmental Sustainability: Climate Change</b>	03.11.20	17.00 – 19.00

### 3. Economic Sustainability: The Urban Economy

Who (Name, Website)	Title	Date	Time
Elmar Kulke <a href="https://www.geographie.hu-berlin.de/de/Members/kulke_elmar">https://www.geographie.hu-berlin.de/de/Members/kulke_elmar</a>	<b>Economic Sustainability: The Urban Economy</b>	16.11.20	14.00 – 16.00

Nina Baur	<b>Gender and Space (2) – Spatial Effects of the Household Division of Labour</b>	16.11.20	16.30 – 18.00
Aram Ziai Global Partnership Network (GPN), DAAD Exceed Center in Kassel (Germany) <a href="https://www.uni-kassel.de/forschung/global-partnership-network/home">https://www.uni-kassel.de/forschung/global-partnership-network/home</a>	<b>Neocolonialism in the Global Economy</b>	17.11.20	17.00 – 19.00

## 4. Changing Urban Structures

Who (Name, Website)	Title	Date	Time
Martina Löw <a href="https://www.archsoz.tu-berlin.de/v_menue/mitarbeiter_innen/prof_dr_martina_loew/parameter/en/">https://www.archsoz.tu-berlin.de/v_menue/mitarbeiter_innen/prof_dr_martina_loew/parameter/en/</a>	<b>The Re-Figuration of Spaces</b>	09.09.20	17.00 – 18.30
Angela Million	<b>Planning System and Strategic Policies in Germany</b>	11.09.20	08.30 – 10.00
Nina Baur	<b>Why Culture Matters – and why History Matters</b>	12.09.20	08.00 – 10.00
Angela Million	<b>History of European Cities</b>	14.09.20	14.00 – 16.00
Andreas Brück <a href="https://labor-k.org/project/brueck-en/">https://labor-k.org/project/brueck-en/</a>	<b>Revisiting Sustainable City Visions – Concrete Utopias?</b>	21.09.20	10.30 – 12.00

## 5. Substantial Aspects of Urban Sustainability

Who (Name, Website)	Title	Date	Time
Thomas Richter <a href="https://www.ils.tu-berlin.de/strassenplanung_und_strassenbetrieb/menue/ueber_uns/team/fachgebietsleitung/">https://www.ils.tu-berlin.de/strassenplanung_und_strassenbetrieb/menue/ueber_uns/team/fachgebietsleitung/</a>	<b>Road Safety</b>	21.09.20	14.00 – 16.00
Eva Nora Paton <a href="https://www.oekohydro.tu-berlin.de/menue/ueber_uns/eva_nora_paton/parameter/en/">https://www.oekohydro.tu-berlin.de/menue/ueber_uns/eva_nora_paton/parameter/en/</a>	<b>Water (1)</b>	19.10.20	14.00 – 16.00
Angela Million	<b>Education: Cities as Educational Spaces</b>	26.10.20	10.00 – 12.00
Jörg Stollmann <a href="https://www.cud.tu-berlin.de/chair/">https://www.cud.tu-berlin.de/chair/</a>	<b>Public Spaces and Green Spaces – Urban Open Spaces as a Ressource</b>	09.11.20	14.00 – 16.00
Christine Ahrend <a href="https://www.ivp.tu-berlin.de/menue/ueber_uns/team/lehrstuhlinhaber/parameter/en/">https://www.ivp.tu-berlin.de/menue/ueber_uns/team/lehrstuhlinhaber/parameter/en/</a>	<b>Transport and Mobility (1)</b>	23.11.20	14.00 – 16.00
Dirk Heinrichs <a href="https://www.isr.tu-berlin.de/stadtentwicklung_und_urbane_mobilitaet/v_menue/ueber_uns/fachgebietsleitung/">https://www.isr.tu-berlin.de/stadtentwicklung_und_urbane_mobilitaet/v_menue/ueber_uns/fachgebietsleitung/</a>	<b>Transport and Mobility (2): Mobility in an Urbanizing World: Global Trends, Planning Responses and Research Needs</b>	30.11.20	14.00 – 16.00
Nina Baur	<b>Internet and Digitalization</b>	07.12.20	14.00 – 16.00
Hubert Knoblauch <a href="https://www.as.tu-berlin.de/v_menue/mitarbeiter_innen/prof_hubert_knoblauch/parameter/en/">https://www.as.tu-berlin.de/v_menue/mitarbeiter_innen/prof_hubert_knoblauch/parameter/en/</a>	<b>Religion and Culture</b>	15.12.20	16.00 – 18.00
Boris Heinz & Nikolas Schöne	<b>Energy and Electricity</b>	21.12.20	14.00 – 16.00

Who (Name, Website)	Title	Date	Time
<a href="https://www.ensys.tu-berlin.de/menue/mitarbeiter_innen/fachgebietsleitung/boris_heinz/parameter/en/">https://www.ensys.tu-berlin.de/menue/mitarbeiter_innen/fachgebietsleitung/boris_heinz/parameter/en/</a>			
Johannes Winkelmaier Center for Sustainable Energies and Entrepreneurship in the Global South (TUM SEED) <a href="https://www.professors.wi.tum.de/en/sustainability/research/new-tum-seed-center-founded/">https://www.professors.wi.tum.de/en/sustainability/research/new-tum-seed-center-founded/</a> <a href="https://www.ei.tum.de/en/ens/staff/externphd/johannes-winkelmaier/">https://www.ei.tum.de/en/ens/staff/externphd/johannes-winkelmaier/</a>	<b>The Water-Food-Energy-Nexus</b>	22.12.20	16.00 – 18.00
Felix Ziegler <a href="https://www.eta.tu-berlin.de/menue/mitarbeiter_innen/leitung/felixziegler/">https://www.eta.tu-berlin.de/menue/mitarbeiter_innen/leitung/felixziegler/</a>	<b>Cooling and Heating (1): Buildings and Technical Appliances</b>	04.01.21	14.00 – 16.00
Ralf Pasel <a href="https://www.code.tu-berlin.de/kontakt.php">https://www.code.tu-berlin.de/kontakt.php</a>	<b>Cooling and Heating (2): Urban Design</b>	05.01.21	17.00 – 19.00
Vera Susanne Rotter <a href="https://www.circulareconomy.tu-berlin.de/menue/ueber_uns/team/">https://www.circulareconomy.tu-berlin.de/menue/ueber_uns/team/</a>	<b>Waste and Waste Management</b>	11.01.21	14.00 – 16.00
Andreas Haarstrick Sustainable Water Management in Developing Countries (SWINDON), DAAD Exceed Center in Braunschweig (Germany) <a href="http://www.exceed-swinton.org/">http://www.exceed-swinton.org/</a>	<b>Water (2): Sustainable Water Management</b>	18.01.21	08.00 – 09.30
Matthias Barjenbruch Urban Water Management <a href="http://www.siwwi.tu-berlin.de">www.siwwi.tu-berlin.de</a>	<b>Water (3): Water Supply and Wastewater Disposal</b>	18.01.21	14.00 – 16.00
Lorena Dini <a href="https://allgemeinmedizin.charite.de/en/metast/person_detail/person/address_detail/dini/">https://allgemeinmedizin.charite.de/en/metast/person_detail/person/address_detail/dini/</a>	<b>Health and Public Health: Health Care for Everyone</b>	25.01.21	14.00 – 16.00
Heino Stöver Soziale Arbeit und Stärkung von NGOs in der Entwicklungszusammenarbeit, DAAD Exceed Center in Frankfurt (Germany) <a href="https://www.frankfurt-university.de/de/hochschule/fachbereich-4-soziale-arbeit-gesundheit/kontakt/professor-innen/heino-stover/">https://www.frankfurt-university.de/de/hochschule/fachbereich-4-soziale-arbeit-gesundheit/kontakt/professor-innen/heino-stover/</a>	<b>Drugs Use: A Comprehensive View on Health-Issues and Regulations</b>	25.01.21	16.00 – 18.00
Lars Ribbe Center for Natural Resources and Development (CNRD), DAAD Exceed Center in Cologne (Germany) <a href="https://www.cnr.info/">https://www.cnr.info/</a> <a href="https://www.tt.th-koeln.de/blog/staff/professors/prof-dr-lars-ribbe/">https://www.tt.th-koeln.de/blog/staff/professors/prof-dr-lars-ribbe/</a>	<b>Disasters and Disaster Management: Water Scarcity and Drought</b>	01.02.21	14.00 – 16.00

Who (Name, Website)	Title	Date	Time
Johanna Hoerning <a href="https://www.srs.tu-berlin.de/menue/mitarbeiterinnen/gastprofessorin_dr_io-hanna_hoerning/">https://www.srs.tu-berlin.de/menue/mitarbeiterinnen/gastprofessorin_dr_io-hanna_hoerning/</a>	<b>Adequate, Safe and Affordable Housing</b>	08.02.21	14.00 – 16.00
Eike Roswag-Klinge <a href="https://www.nbl.berlin/">https://www.nbl.berlin/</a>	<b>Transforming Natural Building Traditions in Different Climate Zones</b>	09.02.21	17.00 – 19.00
Helmut Breitmeier SDG nexus Network, DAAD Exceed Center in Gießen (Germany) <a href="https://www.uni-giessen.de/fbz/zentren/zeu/activities/researchprojects/SDGnexus_Network/ra">https://www.uni-giessen.de/fbz/zentren/zeu/activities/researchprojects/SDGnexus_Network/ra</a> <a href="https://www.uni-giessen.de/faculties/f03/departments/dps/staff/professors/breitmeier?set_language=en">https://www.uni-giessen.de/faculties/f03/departments/dps/staff/professors/breitmeier?set_language=en</a>	<b>Food (1): Food Systems, Value Chains and the Connection between Rural and Urban Areas</b>	15.02.21	16.00- 18.00
Reiner Doluschitz Food Security Center (FSC), DAAD Exceed Center in Stuttgart (Germany) <a href="https://fsc.uni-hohenheim.de/en/home">https://fsc.uni-hohenheim.de/en/home</a>	<b>Food (2): Food and Sustainability: Genesis, development and current importance in the agricultural and food sectors</b>	16.02.21	17.00 – 19.00