CITIES ON THE MOVE

ENVST-UA 9450 D01; SASEM-UG 9105 D01

Instruction Mode: In-Person

Spring 2022

Lecturer Contact Information
Your instructor will inform you about the learner hours (one-on-one meetings).

Prerequisites
None

Units earned
4

Course Details
Thursdays, 3:00pm to 5:45pm

All times are Central European Time (Daylight Saving Time begins Mar 27, 2022).

Location: Rooms will be posted in Albert before your first class. Zoom links for remote classes will be posted on Brightspace.

In the interest of protecting the NYU Berlin community, we are closely following guidance around COVID-19 from the Robert Koch Institute (Germany's institute for disease control and prevention), the Centers for Disease Control and Prevention (CDC), the World Health Organization, and the New York City Department of Health and Mental Hygiene and adjusting our recommendations and policies accordingly. Your health and well-being is our top priority. Please consult the NYU Berlin Resource Page frequently for the latest information. You are required to adhere to the most recent policies.
You will be assigned a seat on the first day of in-person classes and are expected to use that seat for the entire semester due to NYU COVID-19 safety protocol. Please note that you are expected to attend every class meeting in-person, unless it is a remote-only class. This may change at any point during the semester if local COVID-19 regulations require additional physical distancing. In case of the latter, in-person students may be split into cohorts who will attend alternating sessions.

Course Description

This course explores the global phenomenon of growing consumption and waste in cities, as well as the transformation of resources and natural landscapes to serve these trends. Berlin, for example, consumes high amounts of energy, water and food, and produces high quantities of waste. But where are all these resources coming from? Where is waste ending up after we dump it in a container or a bin? Students will engage with these questions in a theoretical, methodological and ethical way by tracing the flows of water, energy, food and waste in and around Berlin and beyond to other geographical areas. But why should we trace urban flows? Research in urban studies usually analyses cities as densely populated urban agglomerations that remain disconnected from the natural resources and isolated landscapes that they depend on. One of the main goals of this course is to explore urbanization as a global process or as a set of processes that are not limited to the boundaries of the traditional city. We will draw from geography, anthropology and history to explore how the growing consumption and disposal in cities is strongly connected to the expansion of the resource frontier, and identify what are the social, environmental and spatial effects. The course also involves field visits to engage students with different initiatives in Berlin that promote more sustainable consumption habits and the reduction of waste.

Course Learning Outcomes (CLOs)

At the end of the course students are expected to be able to:

- Critically analyze the complex, multi-scalar and interconnected nature of today’s urban environmental and social challenges through the lense of different natural resources.
- Explore the connections between growing consumption in cities and geographies of resource extraction and waste disposal.
- Visualize the ways in which resource extraction and waste disposal activities tend to fragment further territories and increase relations of inequality.
- Envision different alternatives to promote more sustainable consumption habits and reduction of waste.
Course Approach to Teaching & Learning (CATL)

Providing space for critical and interdisciplinary thinking: The course is intended to improve critical thinking skills and writing ability. In this course there are no right or wrong answers, critical debate is highly welcome by encouraging students to argue, disagree and actively contribute to current debates in urban studies, geography, history and anthropology. The course is designed for students with a range of disciplinary backgrounds and welcomes them to mobilize different disciplinary approaches and methods.

Selecting resources as a starting point for learning: This course examines different resources – water, energy, waste, clothes, food, bottled water – as a starting point for questioning how the growing consumption and disposal in cities transform remote landscapes. By doing so, the course intends to provide students with concepts and tools to ground their daily practices and ethical dilemmas of consuming food, buying clothes, drinking bottled water or recycling to larger problems taking place at a global scale.

Engaging multiple methods: The course objectives will be met through a combination of lectures, readings, discussions, audiovisual material, fieldwork visits as well as individual and group assignments.

Adopting visual methods to integrate theory and practice: The course actively engages students in theoretical debates as well as practice-oriented exercises, and encourages them to present and communicate complex urban-environmental processes in compelling visual form by using maps, infographics, photographs, charts and diagrams.

Assessment Components

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<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Class Participation</td>
<td>10%</td>
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<tr>
<td>Group assignment 1: Tracing water and energy flows</td>
<td>20%</td>
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<tr>
<td>Group Assignment 2: How does the future of food look like?</td>
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<tr>
<td>Individual short essay Challenging the consumption-discard nexus</td>
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<td>Individual final paper</td>
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Class Participation

You are expected to participate actively in the class. Participation also means that you need to keep up with the required readings, and come to each session ready to discuss them critically. It also involves the ability and willingness to collaborate with team-members and be active in consultations.

Group assignment 1
Tracing water and energy flows
This group assignment is connected to session 5. Students must work in groups and collectively discuss processes that are normally invisible in our everyday life. For example, where does tap water come from? Or where does our electricity come from? Groups are required to provide visual material to illustrate the key discursive, technical and legal forces shaping these flows (1 page), and it should be accompanied by an essay (1 page). A presentation of 10 minutes is also expected.

**Group Assignment 2**
How does the future of food look like?
This group assignment is connected to session 7. Students will visit a social initiative that is engaged with the problem of food waste in Berlin. After having a critical understanding of the food systems in the city, students are invited to reflect and create different scenarios that illustrate a variety of alternatives for our food futures. Students will be expected to design a portfolio composed of photographs, diagrams and text (3 pages).

**Short essay**
Students are expected to complete a short essay (approximately 3-4 pages double spaced) closely tied to the topic “Challenging the consumption-discard Nexus,” which will be discussed during a visit to the Haus der Materialisierung (HdM).

**Final paper**
Students are required to write a final paper (6 pages double spaced) on a topic related to the content we discuss in the course. The topic needs to be selected and developed in consultation with the lecturer during office hours. Students are also expected to prepare a 10 minute presentation explaining: What problem will your paper investigate? What questions will it ask? What terms and concepts will it engage? How are you going to collect data (methods)? This presentation is very important to obtain feedback for writing the final paper. The final paper should be submitted on **Tuesday, May 12 at 6:00 pm** via Brightspace.

Complete details and instructions for each assignment will be provided in Brightspace.

**Required Text(s)**
Electronic Resources (via Brightspace / NYU Library Course Reserves)

Required texts are listed under each session.

**Additional Required Equipment**
None

**Session 1 – 27 January 2022**
**Beyond City Boundaries**

What is the connection between the growing number of e-scooters and electric cars in Berlin and the mining industry of coltan in the Democratic Republic of Congo? Cities are strongly reliant on the transformation of resources and remote landscapes, which are commonly hidden from view. However, urban research continues to give the city a privileged site for
understanding contemporary urban environments. This session aims to introduce urban political ecology as a framework to move beyond the urban/rural and city/nature dualism. In doing so, it explores how the growing consumption in cities is strongly connected to the expansion of the resource frontier, and identifies the social and environmental effects taking place outside the city.

**Learning outcomes:** understand the main concepts in urban political ecology; explore urbanization as a global process, or as a set of processes that are not reducible to the boundaries of the traditional city; think beyond the division between urban vs rural and city vs nature.

**Recommended follow-up readings**

**Session 2 – 3 February 2022**
**Water in Berlin – Contemporary Debates**

This session explores different contemporary debates in the water sector including privatization, corporatisation and remunicipalisation. In particular, it explores the water utility company of Berlin, the *Berliner Wasserbetriebe* (BWB). After a referendum, the private enterprise RWE was forced to return water services to the city of Berlin in 2012. However, the Berlin water utility still maintains a strong commercial logic in the provision of water services. One of the main goals is to explore contestations around water supply provision and infrastructures in Berlin, and the alternatives proposed by citizen initiatives such as the Berlin Water Roundtable (*Berliner Wassertisch*) to maintain water as a public good and a human right.

**Learning outcomes:** understand contemporary debates around water supply provision; describe the paradoxes of framing water as a commodity and human right.

**Required readings**

**Recommended readings**
To reduce the impacts of climate change, different projects have been implemented to phase out nuclear energy, reduce dependency on coal and extend the use of renewable energy sources. Germany has taken a leading role in these conversations by introducing the German Energiewende (German energy revolution), one of the most ambitious and discussed national energy transition initiatives worldwide. As a consequence of the German Renewable Energy Sources Act (EEG), which was entered into force in 2000, energy companies have undertaken dramatic price increases in electricity bills disproportionately affecting poor households. Students will be encouraged to explore these tensions between two values and goals: sustainability and equity.

**Learning outcomes:** understand current energy debates in Germany and beyond.

**Required readings**

**Recommended readings**

**Session 4 – 17 February 2022**
**Traveling Waste**

Recycling makes us feel that we are doing something good for the environment. But where does waste end up after we dump it in a container or a bin? Waste can be a source of environmental and health problems, a profit or even be creatively transformed into art. Although waste is commonly hidden from view, this session exposes how economic systems
strongly depend on the constant moving of waste. Tracing these journeys offers a productive way to question our consumption and waste practices, the symbolic and ethical meanings attached to waste, and the uneven landscapes that emerge from the consumption and disposal of waste.

**Learning outcomes:** demonstrate the connection between waste production and the transformation of remote landscapes; explain the diverse meanings of waste.

**Required readings**

**Recommended audio-visual material**
- Away: A Story of Trash (2011, 26 min.). Available here
- Plastic Paradise (2014, 57 min.). Available here

**Session 5 – 24 February 2022**

**Tracing Water and Energy Flows**

**Submissions**
Group assignment 1: Tracing water and energy flows.
Each group will use the “Urban Water Management – A Critical Handbook” and the Coal Protest Map (Kohle Protest Karte) as a guide. This assignment will encourage students to analyze and visualize the connection between growing consumption of water and energy in cities and the expansion of the resource extraction frontier.

**Learning outcomes:** present complex information taking place at different scales from the global to local by selecting the most appropriate visualization tools (e.g., maps, infographics, photographs, drawings, diagrams, etc.).

**Required readings**

**Session 6 – 3 March 2022**

**Fast and Disposable Fashion**

Where do our clothes come from? Who made it and how? Have you ever wondered where it ends up after you discard it in a clothing collection bin? Prices of clothes are becoming
extremely cheap, while fashion is constantly changing to motivate high levels of consumption. Consequently, we are handing more and more of these old clothes to charities that are triggering a lucrative business of second-hand clothing. We will discuss the topic of fast and disposable fashion through a field visit to Primark (low-priced retailer) and Humana People to People (second-hand shop).

Learning outcomes: understand how fast fashion systems operate through a practical case study; analyze who wins and who loses from the global trade of clothes.

Required readings

Required audio-visual material
- Unravel: The final resting place of your cast-off clothing (Meghna Gupta, UK/India, 13 min.). Available here

Recommended readings
- The journey of jeans: http://www.clothingpoverty.com/jeans/
- The hidden trade in our second-hand clothes given to charity: https://www.theguardian.com/sustainable-business/sustainable-fashion-blog/2015/feb/13/second-hand-clothes-charity-donations-africa

Session 7 – 10 March 2022
Feeding the City

Berlin requires huge amounts of food to feed a population of approximately 3.4 million inhabitants. The landscapes of food in Berlin cover quinoa from Bolivia to Salmon from Norway, products that have become almost standardized on our dinner table and have made our daily meals very diverse. These products are distributed in cooperatives, supermarkets, small shops and street markets. However, how do we make decisions about eating? Do we buy our food products because they are cheap, organic, tasty, healthy, regional or fair?

Learning outcomes: explore how food systems operate; create different scenarios that illustrate a variety of alternatives for achieving more sustainable and just food futures.

Group assignment 2: How does the future of food look like? This assignment will encourage students to visit a social initiative that recovers wasted food surpluses in Berlin and explore different scenarios that show how the future of food could look like.

Required readings

Recommended Reading
Recommended project

Session 8 – 17 March 2022 “Spring Break – No Class”

Session 9 – 24 March 2022
Bottled Water

Why do we consume bottled water? How do water enterprises advertise the consumption of bottled water? Is bottled water a “pro-poor” strategy for low-income residents? This session examines diverse discourses and imaginaries around bottled water and explores different alternatives undertaken by cities to encourage or discourage drinking tap water and to reduce (or not) the disposal of plastic bottles.

Learning outcomes: compare and contrast different bottled water campaigns, explore different water drinking practices around the world; examine the main discourses and imaginaries around the bottled water business.

Required readings

Required audio-visual material
- The story of bottled water (Louis Fox, USA, 8 min.). Available here

Recommended readings

Submissions
Group assignment 2: How does the future of food look like?

Session 10 – 7 April 2022 Field visit
Imaging Alternatives

How can we understand waste? Is waste defined as something positive or negative? To explore these questions, this session is dedicated to a field visit to the Haus der Materialisierung (HdM) at Alexanderplatz, an initiative for sustainable resource utilization. This visit is dedicated to creating awareness about overproduction, waste, value and forms of labor. It will expose students to different alternatives for repairing, recycling and exchanging as a way to support less consumption habits, challenge market-based interests and promote exchange between different social groups based on solidarity, sharing and mutual learning.
Learning objectives: understand different economies of waste; recognize the diverse meanings and values of waste.
See website Haus der Materialisierung (HdM)

Session 11 – 14 April 2022
Challenging the Consumption-Discard Nexus

This session is dedicated to preparing a short essay with some reflections about the field visit to Haus der Materialisierung (HdM). This essay will address the following questions: What are the possibilities for an ethical consumption in a world that is pressing us to consume and discard more? Which initiatives can be replicated in your different home cities?
Learning outcomes: explore different possibilities to solve the problem of waste; identify alternative ways to relate and value waste, identify key sources and formulate research questions.

Session 12 – 21 April 2022
Final paper: Consultation and Feedback

After being exposed to a diversity of resources flowing in and through cities, students will have the possibility to select one resource to explore a global urban-environmental phenomenon. The selection of a case study will be discussed in consultation with the lecturer. Feedback will be provided to identify the main problem, research questions, concepts and methods.
Learning outcomes: apply and reflect key concepts and methods introduced in the course by selecting a particular resource and connecting it to a particular global phenomenon.

Submissions
Short essay: “Challenging the Consumption-Discard Nexus”

Session 13 – 28 April 2022
Final Paper Presentation

Students will prepare a presentation of 10 minutes to receive feedback from the lecturer and classmates.
Learning outcomes: clearly and effectively communicate complex and local specific issues associated with a broader urban-environmental phenomenon; present preliminary ideas in a concise and coherent manner; carry out independent research.

Session 14 – 5 May 2022
Final Paper Presentation

Students will prepare a presentation of 10 minutes to receive feedback from the lecturer and classmates.
Learning outcomes: clearly and effectively communicate complex and local specific issues associated with a broader urban-environmental phenomenon; present preliminary ideas in a concise and coherent manner; carry out independent research.

Final Paper - 12 May
Submissions
The final paper should be submitted by Tuesday, May 12 at 6:00 pm via Brightspace.

Recommendations for a Positive Teaching and Learning Environment
Please be sure that your phones are turned off or silenced before coming to class.

Suggested Learning Opportunities that Relate to our Course
Visit to Flea Markets (Flohmärkte) in Berlin (Sundays)
   - Arkonaplatz
   - Mauerpark
   - Boxhagener Platz
   - Neukölln Flowmarkt

Your Lecturer
Marcela López is a geographer with an interdisciplinary background in urban and environmental studies. She was a research fellow at the Rachel Carson Center for Environment and Society in Munich for 2017-2018. She is the founder of Contested Urban Waterscapes (contestedurbanwaterscapes.net), a platform, which promotes dialogue and interdisciplinary exchange between scholars, social movements and public service providers to search for alternatives to reduce water inequalities. She also teaches in the Urban Management Program at the Technische Universität Berlin, and in the Postgraduate Program in Sustainable Architecture at the Escola Superior Artística do Porto (ESAP).

Academic Policies

Grade Conversion
Your lecturer may use one of the following scales of numerical equivalents to letter grades:

- A = 94-100 or 4.0
- A- = 90-93 or 3.7
- B+ = 87-89 or 3.3
- B = 84-86 or 3.0
- B- = 80-83 or 2.7
- C+ = 77-79 or 2.3
- C = 74-76 or 2.0
- C- = 70-73 or 1.7
- D+ = 67-69 or 1.3
- D = 65-66 or 1.0
- F = below 65 or 0

Attendance Policy
Studying at Global Academic Centers is an academically intensive and immersive experience, in which students from a wide range of backgrounds exchange ideas in
discussion-based seminars. Learning in such an environment depends on the active participation of all students. And since classes typically meet once or twice a week, even a single absence can cause a student to miss a significant portion of a course. To ensure the integrity of this academic experience, class attendance at the centers is expected promptly when class begins. Attendance will be checked at each class meeting. If you have scheduled a remote course immediately preceding/following an in-person class, you may want to write to berlin.academics@nyu.edu to see if you can take your remote class at the Academic Center.

As soon as it becomes clear that you cannot attend a class, you must inform your professor and/or the Academics team (berlin.academics@nyu.edu) by e-mail immediately (i.e. before the start of your class). Absences are only excused if they are due to illness, Moses Center accommodations, religious observance or emergencies. Your professor or site staff may ask you to present a doctor's note or an exceptional permission from an NYU Staff member as proof. Emergencies or other exceptional circumstances that you wish to be treated confidentially must be presented to NYU Berlin’s director or Wellness Counselor. Doctor's notes must be submitted in person or by e-mail to the Academics team, who will inform your professors.

Unexcused absences may be penalized with a two percent deduction from the student's final course grade for every week's worth of classes missed, and may negatively affect your class participation grade. Four unexcused absences in one course may lead to a Fail in that course. Being more than 15 minutes late counts as an unexcused absence. Furthermore, your professor is entitled to deduct points for frequently joining the class late.

Exams, tests and quizzes, deadlines, and oral presentations that are missed due to illness always require a doctor's note as documentation. It is the student's responsibility to produce this doctor's note and submit it to site staff; until this doctor's note is produced the missed assessment is graded with an F and no make-up assessment is scheduled. In content classes, an F in one assignment may lead to failure of the entire class.

Regardless of whether an absence is excused or not, it is the student's responsibility to catch up with the work that was missed.

**Final exams**
Final exams must be taken at their designated times. Should there be a conflict between your final exams, please bring this to the attention of the Academics team. Final exams may not be taken early, and students should not plan to leave the site before the end of the finals period.

**Late Submission of Work**
(1) Work submitted late receives a penalty of 2 points on the 100 point scale for each day it is late (including weekends and public holidays), unless an extension has been approved (with a doctor's note or by approval of NYU Berlin's administration), in which case the 2 points per day deductions start counting from the day the extended deadline has passed.
(2) Without an approved extension, written work submitted more than 5 days (including weekends and public holidays) following the submission date receives an F.

(3) Assignments due during finals week that are submitted more than 3 days late (including weekends and public holidays) without previously arranged extensions will not be accepted and will receive a zero. Any exceptions or extensions for work during finals week must be discussed with the Site Director, Dr. Gabriella Etmektsoglou.

(4) Students who are late for a written exam have no automatic right to take extra time or to write the exam on another day.

(5) Please remember that university computers do not keep your essays - you must save them elsewhere. Having lost parts of your essay on the university computer is no excuse for a late submission.

Academic Honesty/Plagiarism
As the University's policy on "Academic Integrity for Students at NYU" states: "At NYU, a commitment to excellence, fairness, honesty, and respect within and outside the classroom is essential to maintaining the integrity of our community. By accepting membership in this community, students take responsibility for demonstrating these values in their own conduct and for recognizing and supporting these values in others." Students at Global Academic Centers must follow the University and school policies.

NYU takes plagiarism very seriously; penalties follow and may exceed those set out by your home school. Your lecturer may ask you to sign a declaration of authorship form, and may check your assignments by using TurnItIn or another software designed to detect offences against academic integrity.

The presentation of another person’s words, ideas, judgment, images, or data as though they were your own, whether intentionally or unintentionally, constitutes an act of plagiarism. It is also an offense to submit work for assignments from two different courses that is substantially the same (be it oral presentations or written work). If there is an overlap of the subject of your assignment with one that you produced for another course (either in the current or any previous semester), you MUST inform your professor.

For guidelines on academic honesty, clarification of the definition of plagiarism, examples of procedures and sanctions, and resources to support proper citation, please see:

NYU Academic Integrity Policies and Guidelines
NYU Library Guides

Inclusivity Policies and Priorities
NYU’s Office of Global Programs and NYU’s global sites are committed to equity, diversity, and inclusion. In order to nurture a more inclusive global university, NYU affirms the value of sharing differing perspectives and encourages open dialogue through a variety of
pedagogical approaches. Our goal is to make all students feel included and welcome in all aspects of academic life, including our syllabi, classrooms, and educational activities/spaces.

Attendance Rules on Religious Holidays
Members of any religious group may, without penalty, excuse themselves from classes when required in compliance with their religious obligations. Students who anticipate being absent due to religious observance should notify their lecturer AND NYU Berlin’s Academics Office in writing via e-mail one week in advance. If examinations or assignment deadlines are scheduled on the day the student will be absent, the Academics Office will schedule a make-up examination or extend the deadline for assignments. Please note that an absence is only excused for the holiday but not for any days of travel that may come before and/or after the holiday. See also University Calendar Policy on Religious Holidays.

Pronouns and Name Pronunciation (Albert and Zoom)
Students, staff, and faculty have the opportunity to add their pronouns, as well as the pronunciation of their names, into Albert. Students can have this information displayed to faculty, advisors, and administrators in Albert, Brightspace, the NYU Home internal directory, as well as other NYU systems. Students can also opt out of having their pronouns viewed by their instructors, in case they feel more comfortable sharing their pronouns outside of the classroom. For more information on how to change this information for your Albert account, please see the Pronouns and Name Pronunciation website.

Students, staff, and faculty are also encouraged, though not required, to list their pronouns, and update their names in the name display for Zoom. For more information on how to make this change, please see the Personalizing Zoom Display Names website.

Moses Accommodations Statement
Academic accommodations are available for students with documented and registered disabilities. Please contact the Moses Center for Student Accessibility (+1 212-998-4980 or mosescsd@nyu.edu) for further information. Students who are requesting academic accommodations are advised to reach out to the Moses Center as early as possible in the semester for assistance. Accommodations for this course are managed through NYU Berlin.

Bias Response
The New York University Bias Response Line provides a mechanism through which members of our community can share or report experiences and concerns of bias, discrimination, or harassing behavior that may occur within our community.

Experienced administrators in the Office of Equal Opportunity (OEO) receive and assess reports, and then help facilitate responses, which may include referral to another University school or unit, or investigation if warranted according to the University’s existing Non-Discrimination and Anti-Harassment Policy.

The Bias Response Line is designed to enable the University to provide an open forum that helps to ensure that our community is equitable and inclusive.
To report an incident, you may do so in one of three ways:

- Online using the Web Form (link)
- Email: bias.response@nyu.edu
- US Phone Number: +1 212-998-2277
- Local Number in Berlin: +49 (0) 30 2902 91277

Please consider the environment before printing this syllabus. If printing is necessary, please select only the essential page range.