

Schedule of Lectures

„Sustainable Urban Technologies (SUT)“

winter term 2016/17

for students of the third semester

Overview – Third Semester WS 2016/17

Sustainable Urban Technologies				
No. of Module	Title of the Course	Lecturer	Time Schedule	Type of course
8A	Advanced Module - Sustainable Urban Technologies (students choose two of the following courses)			
8A.1	Healthy Urban Development - Tools and instruments as guides for policies, plans and proposals (en)	Moebus/Skoldra/ Sutcliffe	January, 25 th February, 1 st February, 8 th February, 15 th February, 22 th , always Wednesday February, 24 th (Friday) Always 9.30am and 12.30pm	Seminar
8B.2	Environmental Economics (en)	Melkonyan	January, 12 th (Thursday) January, 16 th (Monday) January, 19 th (Thursday) January, 23 th (Monday) January, 26 th (Thursday) January, 30 th (Monday) February, 2 nd (Thursday) Always between 10yam and 2pm	Seminar
8A.3	Mobility and Urban Development	Schmidt et al	January, 25 th (Wednesday) January, 26 th (Thursday) February, 9 th (Thursday) February, 23 th (Thursday) Always 3pm until 6 pm	Seminar
8A.4	Urban Renewal in the English Midlands (Manchester) (en)	Wehling	Seminar (Block): January, 18 th and February, 1 st (always 2.30 pm until 6pm) and field studies: March, 9 th or 10 th until 17 th or 18 th	Seminar / Excursion
8A.5	Urbane Systeme im Vergleich: die Donauhauptstädte Wien, Bratislava und Budapest (de)	Juchelka	Kick-off meeting: November, 7 th Seminar : February, 21 th and 22 th , always 10am until 5pm Excursion: March, 22 until 30, 2017	Seminar / Excursion
8A.6	Urban Policy: New Challenges arising from Economic and Demographic Change? (en)	Neumann (RWI)	January, 17 th (Tuesday)); 10am until 1pm Excursion: January, 24 th (Tuesday); 9am until 5pm February, 13 th (Monday); 10am until 4pm February, 14 th (Tuesday); 10am until 4pm)	Blocks (with Excursion)

Important:

The examination registration period for that offer will start not before January, 24th, 2017.

Please consult for current information always the given LSF- Links.

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.1: Healthy Urban Development - Tools and instruments as guides for policies, plans and proposals (en)
Lecturer	Moebus/ Skodra / Sutcliffe
Type of course	Seminar in Blocks
Day of the week/ Time	January, 25 th February, 1 st February, 8 th February, 15 th February, 22 th , 2017 (always Wednesday) February, 24 th , 2017 (Friday) Always 9.30am and 12.30pm
Venue	Colonia Haus, Zweigertstr. 37, 45130 Essen,3. Obergeschoss, GroÙer Seminarraum (3.05)
Credits	5
Language	English
Description	<p>Currently, urban regions are facing two contrasting developments: on the one hand, the rapid expansion of urbanization, but on the other hand the increasing phenomenon of shrinking cities accompanied by urban redevelopment processes. Both developments are often intertwined spatially and temporally and are influenced by socio-demographic, economic, and cultural processes. It is necessary to implement adequate adaptation strategies for each strand of development with the aim to maintain a high standard of living and to achieve a high quality of life for the urban population.</p> <p>At the planning level it is increasingly recognized that the design of urban space and residential environment does not only involve topics of spatial planning but is also strongly connected with health and environmental aspects. Therefore, an integrated approach with comprehensive measures is needed involving all sectors on an interdisciplinary level. Additionally, the complexity of possible pathways and causal chains through which social determinants can impact health make urban health a particularly challenging topic for urban planners and public health professionals.</p> <p>The development of integrated approaches that focus on health and urban planning requirements is still relatively new. Most supportive tools are not specifically developed to connect urban planning and health issues. However, an instrument developed in Australia – the <i>Healthy Urban Development Checklist</i> from <i>New South Wales (NSW)</i> – aims to close this gap. This instrument comprises aspects of mobility, climate change, security or health care as well as target group-specific aspects taking into account socio-demographic characteristics, such as age, gender, socioeconomic status or health-related characteristics such as disease status or vulnerability.</p> <p>Objectives of the course</p> <p>This course is designed to acquaint students with the principles of health assessment tools and to provide field-level examples of instruments which support an engagement between urban planners, developers and health professionals. The students will carry out an individual project by applying the Urban Development (HUD) Checklist.</p>

	<p>Upon completion of the course, students</p> <ul style="list-style-type: none"> • will have enhanced knowledge and understanding of <ul style="list-style-type: none"> ○ key principles which promote health and wellbeing in urban systems ○ health impacts of urban development policies, plans or proposals ○ in-depth knowledge about the concept of (health) indicators ○ indicator analysis ○ tools/instruments for reviewing and commenting on development plans • will gain practical skills to <ul style="list-style-type: none"> ○ assess the availability of health data on neighborhood and community level ○ apply and implement an assessment tool on specific projects, plans or proposals (identification of suitable partners, quarters, etc.) <p>Course format The course will be a combination of classical lectures, invited talks and group work with practical elements. The content can also be customized depending on the specific needs and demands of the students.</p> <p>Details of the course and timetables The course is divided in six lessons, each of 3 hours length (9.30 a.m.-12.30 p.m.) with one third of theoretical and two thirds of practical elements. The course starts on 25th Jan. 2017, following dates are: 1st, 8th, 15th, 22th and 24th Feb 2017.</p> <p>Assessment Students must hand in a short individual and final report at the end of the course (1st Mar 2017).</p>
Registration for Participation	Julita.Skodra@uk-essen.de or Robynne.Sutcliffe@uk-essen.de

Link:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=284161&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.2: Environmental Economics
Lecturer	Melkonyan
Type of course	Seminar in Blocks
Day of the week/ Time	January, 12 th (Thursday) January, 16 th (Monday) January, 19 th (Thursday) January, 23 th (Monday) January, 26 th (Thursday) January, 30 th (Monday) February, 2 nd (Thursday) Always between 10yam and 2pm
Venue	Campus Essen, consult Link below
Credits	5
Language	English
Description	<p>In the lecture we will focus on assessing and measuring sustainable development from macro to micro levels and with different normative perspectives. These perspectives include environmentally driven assessments, the global sustainable development framework, the quality of life perspective and crosscutting views.</p> <p>The lecture will cover the following subjects:</p> <ol style="list-style-type: none"> 1. History of sustainable development (mega Conferences)and indicators, Climate Change 2. Alternative economics, measurement of societal progress, GDP criticism, growth debate, Steady state economies, Prosperity without growth 3. Companies and Sustainable Societies: Corporate citizenship & Corporate Social Responsibility (from macro to micro levels) 4. Sustainability in urban areas 5. Introducing and comparing different types of sustainability assessments
Registration for Participation	ani.melkonyan@uni-due.de

LSF:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=284162&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.3: Mobility and Urban Development
Lecturer	Alexander Schmidt et al.
Type of course	Seminar in Blocks
Day of the week/ Time	January, 25 th (Wednesday) January, 26 th (Thursday) February, 9 th (Thursday) February, 23 th (Thursday) Always 3pm until 6 pm
Venue	Campus Essen, consult Link below
Credits	5
Language	English
Description	<p>Course Description</p> <p>The module is dealing with the crucial interrelation between urban development and urban mobility: City forms mobility city forms mobility. Usually the topics of mobility and urban development are being taught independently - but in order to deal with the challenges our cities are facing now and in the near future we need to deal with this in a comprehensive way looking at the urban system. Mitigation and adaptation of climate change, pollution and their effects on public health and last but not least the urgently needed quality of life in cities have to be discussed. This module will support the integrated approach and cover challenges, objectives, fields, concepts, and strategies for a better urban mobility. Also it will present a number of successful concepts for a mobility which will support the idea of cities for people instead of cities for cars.</p> <p>Course Objectives</p> <p><i>City forms mobility forms city</i> - this sums up the interrelation between mobility and urban development in five words. The course will impart knowledge about urban development and relate this to urban mobility. Bachelor or Master programs focus on urban development, urban planning and urban design need to focus on fields e.g. transportation, mobility, health, etc. And vice versa: transportation studies and courses on urban traffic must include urban planning and urban design. The course is pursuing the objective to show the interrelations between the two fields from the systemic perspective of urban development and the quality of life of the people.</p>
Registration for Participation	Hellali-Milani, Sonja (sonja.milani@uni-due.de)

LSF:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=284163&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.4: Urban Renewal in the English Midlands (Manchester) (en)
Lecturer	Wehling
Type of course	Excursion with seminar
Day of the week/ Time	Seminar (Block): January, 18th and February, 1st (always 2.30 pm until 6pm) and field studies: March, 9th or 10th until 17th or 18th
Credits	5
Language	English
Registration	hans-werner.wehling@uni-due.de or birgit.sattler@uni-due.de

LSF:

<https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=284472&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.5: Urbane Systeme im Vergleich: die Donauhauptstädte Wien, Bratislava und Budapest (de)
Lecturer	Juchelka
Type of course	Seminar /Excursion
Day of the week/ Time	Kick-off meeting: November, 7 th Seminar : February, 21th and 22th, always 10am until 5pm Excursion: March, 22 until 30, 2017
Venue	Campus Essen, consult Link below
Credits	5
Language	German
Description	See the following pages
Registration for Participation	rudolf.juchelka@uni-due.de

LSF:

<https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=278932&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

See next page!

Exkursion mit Seminar:

Urbane Systeme im Vergleich:

die Donauhauptstädte Wien, Bratislava und Budapest

Anmeldung: ab sofort, persönlich im Lehrstuhlsekretariat (SR 008)

Vorbesprechung: Mo 07. November 2016, 10:00-11:00Uhr, SR 002

Vorbereitungsseminar: Di 21. + Mi 22. Februar 2017, 10-17 Uhr, SM 102

Exkursion: Mi 22. – Do 30. März 2017

Zielgruppen:

- Master Urbane Kultur, Gesellschaft und Raum
- Master Sustainable Urban Technologies
- Master Kulturwirt

Inhalt:

Die drei europäischen Hauptstädte Wien (Österreich), Bratislava (Slowakei) und Budapest (Ungarn) liegen relativ dicht beieinander (im Falle von Wien und Bratislava handelt es sich um die nächstgelegenen beiden europäischen Hauptstädte überhaupt) und sind über die Donau miteinander verbunden. Zudem zeichnen sich die drei Städte durch eine gemeinsame historische Vergangenheit auf Basis der Habsburger-Monarchie aus.

Gleichwohl haben die unterschiedlichen Entwicklungen diesseits und jenseits des sog. Eisernen Vorhangs nach 1945 zu erheblichen Differenzierungsmerkmalen geführt, die sich - seit der Öffnung der Grenzen nach Osteuropa und gegenwärtig immer noch anhaltend - in unterschiedlichen Veränderungs- und Anpassungsprozessen der jeweiligen Stadtentwicklungen erkennen lassen.



Anhand entsprechender Vergleichsraster sollen diese unterschiedlichen Muster urbaner Systeme hinsichtlich der Stadtstrukturen, -entwicklungen und -planungen vor Ort beobachtet, erarbeitet, diskutiert und interpretiert werden.

Teilnehmerbeitrag:

- 300 € inkl. 8 Übernachtungen im Hostel/Hotel (Mehrbettzimmer/DZ) in Wien (6 Nächte) und Budapest (2 Nächte), Frühstück, Eintrittsgelder, ÖPNV, Fahrten nach Budapest und Bratislava und zurück, Informationsmaterial, Exkursionsumdruck
- 100 Euro sind bei der Anmeldung in bar zu zahlen
- Der Restbetrag (200 Euro) ist bis zum 31.12.2016 zu überweisen auf folgendes Konto: IBAN:

DE51 5005 0201 1254 6661 90

BIC: HELADEF1822

Kontoinhaber Rudolf Juchelka

- Eine anteilige Rückzahlung des Teilnehmerbeitrags über Qualitätsverbesserungsmittel nach der Exkursion wird in Aussicht gestellt.
- Bitte beachten Sie außerdem: eine spätere Abmeldung von der Exkursion kann nur dann zu einer Rückzahlung des Teilnehmerbeitrags führen, wenn ein Ersatzteilnehmer benannt wird. Ggf. ist privat eine Reiserücktrittsversicherung abzuschließen.

Anmeldung

- Die Anmeldung ist ab sofort persönlich im Lehrstuhlsekretariat Wirtschaftsgeographie (Frau Thiemann und Frau Hedtfeld, Raum SR 008) zu den Sekretariatsöffnungszeiten (vgl. Lehrstuhl-Homepage) möglich.
- 100 Euro sind bei der Anmeldung in bar zu zahlen.

Vorbesprechung:

Montag 09. November 2015, SR 002, 10:30-11:30 Uhr, SR 002

Die persönliche Anwesenheit bei der Vorbesprechung ist verpflichtend. Es werden Referatsthemen vergeben und organisatorische Fragen geklärt.

Vorbereitungsseminar:

Am **07.+08. März 2016** findet von 10 bis 17 Uhr (ausnahmslos Teilnahmepflicht) ein Vorbereitungsseminar zu der Exkursion statt (Raum SM 102). Die Teilnehmer werden jeweils ein Referat (15 Minuten Vortrag + Kurzfassung; keine schriftliche Ausarbeitung) präsentieren, das anschließend diskutiert wird.

Quartiere:

1. Wien:
2. Budapest:

Exkursionsbeginn:

Treffpunkt im Quartier in Wien am **Mittwoch, 30. März 2016 um 13.30 Uhr**

Achtung: Sie sind selbst für das pünktliche Erscheinen verantwortlich, bauen Sie Puffer- und Transferzeiten ein! Die Zimmer sind wahrscheinlich um 13:30 noch nicht bezugsfertig. Unsere Gruppe checkt gemeinsam um 13:30 Uhr ein, kein früherer Einzel-Check-in! Die Zimmergruppen werden beim Check-in in Abhängigkeit der verfügbaren Zimmergrößen festgelegt.

Exkursionsende:

Donnerstag 07. April 2016, um 13 Uhr in der Wiener Innenstadt

Bitte beachten Sie: Falls Sie einen Rückflug buchen, kommt keine Abflugzeit ab Wien vor 15.00 Uhr in Betracht! Sofern Sie aus Budapest nicht mit nach Wien zurückreisen, ist dies bis Ende November 2015 anzumelden. Eine Reduktion des Teilnehmerbeitrag ist dabei nicht möglich

Leistungsanforderungen:

- aktive Teilnahme und Mitarbeit an Exkursion und Vorbereitungsseminar
- zwei Kurz-Referate: Vorbereitungsseminar und während der Exkursion
- Exkursionsprotokoll (Umfang von 8 bis 10 Seiten; Inhalte der Exkursion entsprechend ihrem Verlauf sind erläuternd darzustellen; Abgabetermin: Ende April 2014)

Bitte mitbringen:

- Personalausweis oder Reisepass
- warme, wind- und schneefeste Kleidung (kontinentales Klima!), festes und bequemes Schuhwerk (bitte auf längere Fußwegstrecken einstellen!), Tagesrucksack (Hinweis: eine Exkursion ist weder eine Sightseeing-Tour noch ein Shopping-Bummel!)
- Wecker und Uhr
- Umdrucke für die Kurzreferate (10 Exemplare; gelocht),
- bereits verteiltes Informations- und Arbeitsmaterial
- Schnellhefter bzw. Faltmappe
- persönlich benötigte Medikamente
- Fotoapparat
- Geld für Mittag- und Abendessen, Getränke, persönliche Extraausgaben
- Bettwäsche/Schlafsack und Handtücher brauchen NICHT mitgebracht zu werden.

Grundlegender Hinweis

Eine Exkursion im Fach Geographie stellt eine spezifische Form der Lehrveranstaltung dar (in Abgrenzung zu Vorlesungen und Seminaren), wobei die wesentlichen Erkenntnisse aus der originären Begehung und Beobachtung im Realraum gewonnen werden. Die Beobachtungen sichtbarer Raumstrukturen, -verflechtungen und -prozesse, ihre Erläuterung, Diskussion und Deutung – auf Basis vorhandenen Wissens – führen zum entsprechenden Erkenntnisgewinn. Davon zu unterscheiden sind Betriebsbesichtigungen oder an Sehenswürdigkeiten orientierte Ausflugsfahrten.

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.6: Urban Policy: New Challenges arising from Economic and Demographic Change? (en)
Lecturer	Dr. Uwe Neumann
Type of course	Seminar (with Excursion)
Day of the week/ Time	Kick-off: January, 17th (Tuesday)); 10am until 1pm Excursion: January, 24th (Tuesday); 9am until 5pm Seminar days: February, 13th (Monday); 10am until 4pm February, 14th (Tuesday); 10am until 4pm
Venue	Campus Essen, consult Link below
Credits	5
Language	English
Description	<p>The seminar examines to what extent new forms of governance improve the scope of urban policy. The seminar will outline major challenges arising from current economic and demographic change and examine the goals and strategic approaches of new forms of urban governance that are designed as more inclusive planning processes. Selected case studies will comprise, on the one hand, examples of governance that goes “beyond the state”. On the other hand, we will examine the technical requirements of urban planning confronted with new issues, e.g. downsizing or conversion. Seminar work will comprise a critical review of the literature, data analysis and discussion of strategic planning concepts represented by different case studies.</p> <p>The main part of the course will comprise a two-day block seminar, during which current topics and methodical approaches in urban and population geography and urban governance will be in the focus. Policy-related research questions will be examined in the form of case studies, which will be prepared by participants and discussed during the two-day seminar. The practical relevance of urban research will be demonstrated and reviewed further during a one-day excursion.</p> <p>During the course, students will</p> <ul style="list-style-type: none"> - acquire enhanced knowledge about the practical relevance of research in urban and population geography and governance, - become acquainted with empirical methods (data acquisition and analysis), - prepare a text and presentation in individual or group work (about 5 pages text and Powerpoint presentation), - present a topic during the seminar (20 minutes), - and defend their reasoning during a discussion.
Registration for participation	elke.hochmuth@uni-due.de

LSF: <https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=272318&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>