

Schedule of Lectures

„Sustainable Urban Technologies (SUT)“

winter term 2017/18

for students of the third semester

Important:

There is no online examination registration period for that offer. Please contact the lecturers for registrations to the exams.

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

Overview – Third Semester WS 2017/18

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	Challenges of Sustainable Urban Health (en)	Moebus/ Orban/ Skodra/ Sutcliffe	January, 17th, January, 24th, January, 31th, February 7th, February, 21th February, 28th always Wednesday and always 9.30am and 12.30pm	Seminar
8A.2	Environmental Economics (en)	Melkonyan	January, 22 th (Monday) 2018 January, 25 th (Thursday) 2018 January, 29 th (Monday) 2018 February, 1st (Thursday) 2018 February, 5th (Monday) February, 8th (Thursday) Always between 10am and 2pm	Seminar
8A.3	Mobility and Urban Development	Schmidt et al	January, 31 th (Wednesday) February, 1st ^h (Thursday) February, 7 th (Wednesday) February, 8 th (Thursday) March, 8 th (Thursday) Always 3pm until 6 pm	Seminar
8A.4	Seminar mit Exkursion: Urbane Systeme und wirtschaftliche Transformationen im Südkaukasus - Armenien und Georgien (de)	Juchelka	Kick-off meeting: October, 16 th (registration); 10am until 11am Seminar : February, 13th and 14th, always 10am until 5pm Excursion: March, 11 th until 21th, 2018	Seminar / Excursion
8A.5	Urban Policy: Fostering Neighbourhood Renewal? (en)	Neumann (RWI)	26th January (Fr) (10am until 1pm) Excursion: February, 2nd (Fr); (9.00am until 5pm) Seminar: 26th and 27th of February, (Mo+Tu); always from 10am until 4pm	Blocks (with Excursion)

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.6	Cross-cultural Communications and Competence (en)	Michal Tighe, virtual teamwork	February, 15h (thu) (9am – 5pm) February, 16 (fr) (9am – 5pm) February, 17th (sa) (9am – 5pm)	Block (you have to visit all meetings)
8A.7	Offer in the framework of UA Ruhr - Climate Change and Risk Management (en)	Div.	Link: https://www.lsf.tu-dortmund.de/qisserver/rds?state=verpublish&status=init&vmfile=no&publishid=189769&moduleCall=webInfo&publishSubDir=veranstaltung	Seminar start in Oct 17 at TU Dortmund
8A.8	Offer in the Framework of UA Ruhr – Transport and Infrastructure	Div.	Link: https://www.lsf.tu-dortmund.de/qisserver/rds?state=verpublish&status=init&vmfile=no&publishid=189796&moduleCall=webInfo&publishSubDir=veranstaltung	Seminar start in Oct 17 at TU Dortmund

En = English; de = deutsch

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.1: Challenges of Sustainable Urban Health (en)
Lecturer	Moebus/ Orban/ Skodra / Sutcliffe
Type of course	Seminar in Blocks
Day of the week/ Time	January, 17th, January, 24th, January, 31th, February 7th, February, 21th February, 28th always Wednesday and 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>Description and objectives of the course</p> <p>This course is designed to acquaint students with the key principles of sustainable urban health and to identify the relationships and interfaces between health professionals, urban planners and developers using real-world examples. It is increasingly recognized that the design of urban space and residential environment does not only involve topics of spatial and urban planning but is also strongly connected with environmental, social and health aspects. According to the WHO, health-focused urban design can help to decrease the burden of non-communicable diseases by promoting healthy lifestyles and making cities climate friendly and resilient.</p> <p>Therefore the aim of this course is to enable students to gain knowledge about the main concepts and instruments in urban health.</p> <p>Theoretical parts of the seminar will include an introduction to:</p> <ul style="list-style-type: none"> ▪ supportive environments for health according to the Ottawa Charta and Health in All Policy (HiAP) ▪ key principles of urban health ▪ (health) indicators ▪ (small scale) health reporting and mapping <p>Practical tasks will include:</p> <ul style="list-style-type: none"> ▪ mapping different urban and health indicators in ArcGIS ▪ health reporting and identification of main health problems in different urban areas <p>Course format</p> <p>The course will be a combination of classical lectures, invited talks and practical elements.</p> <p>Prerequisites</p> <p>Students should be familiar with ArcGIS or similar mapping tools.</p> <p>Details of the course and timetables</p> <p>The course is divided into six meetings, each of 3 hours length (9.30 a.m.- 12.30 p.m.). Homework and participation during seminars are mandatory. Site visits are possible and students are expected to participate.</p> <p>The course starts on 17th Jan 2018, following dates are: 24th Jan, 31st Jan, 7th Feb, 21st Feb and 28th Feb.</p>

	Assessment Students must hand in a short final report at the end of the course (28st Feb 2018) and be prepared to briefly present findings in class.
Registration for Participation	Robynne.Sutcliffe@uk-essen.de

Link:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=297957&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, 22 th (Monday) 2018 January, 25 th (Thursday) 2018 January, 29 th (Monday) 2018 February, 1st (Thursday) 2018 February, 5th (Monday) February, 8th (Thursday) Always between 10am 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=297956&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, 31 th (Wednesday) February, 1 st (Thursday) February, 7 th (Wednesday) February, 8 th (Thursday) March, 8 th (Thursday) Always 3pm until 6 pm
Venue	Campus Essen, consult Link below
Credits	5
Language	English
Description	<p>Course Description 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 <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/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=297959&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.4: Seminar mit Exkursion: Urbane Systeme und wirtschaftliche Transformationen im Südkaukasus - Armenien und Georgien (de)
Lecturer	Juchelka
Type of course	Seminar /Excursion
Day of the week/ Time	Kick-off meeting: October, 16 th (registration); 10am until 11am Seminar : February, 13th and 14th, always 10am until 5pm Excursion: March, 11 th until 21th, 2018
Venue	Campus Essen, consult Link below
Credits	5
Language	German
Registration for Participation	rudolf.juchelka@uni-due.de

LSF:

<https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=293121&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.5: Urban Policy: Fostering Neighbourhood Renewal? (en)
Lecturer	Dr. Uwe Neumann
Type of course	Seminar (with Excursion)
Day of the week/ Time	Kick-off: 26th January (Fr) (10am until 1pm) Excursion: February, 2nd (Fr); (9.00am until 5pm) Seminar: 26th and 27th of February, (Mo+Tu); always from 10am until 4pm
Venue	Campus Essen, consult Link below
Credits	5
Language	English
Description	<p>The seminar examines how urban policy may foster the renewal of neighbourhoods. We will review what mechanisms are responsible for segregation, which challenges arise for policy from current economic and demographic change and what has been achieved by selected policy measures.</p> <p>The main part of the course will comprise a two-day block seminar, during which current topics and methodical approaches in urban science and planning will be in the focus. We will discuss, in particular, what sorting mechanisms characterise urban housing markets and what scope there is for policy to overcome undesirable characteristics that may affect specific neighbourhoods. These may occur, for example, in the form of deprivation, a local economic downturn, population ageing, but also from displacement due to gentrification. Selected policy measures 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 the seminar topics will be demonstrated and reviewed further during a one-day excursion.</p> <p>In the course, students will</p> <ul style="list-style-type: none"> - acquire enhanced knowledge about the practical relevance of urban research, - 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, - 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=291005&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.6: Cross-cultural Communications and Competence (en)
Lecturer	Michael Tighe, virtual-teamwork.com
Type of Course	Seminar/Blocks
Day of the week	February, 15h (thu) (9am – 5pm)
Time	February, 16 (fr) (9am – 5pm) February, 17th (sa) (9am – 5pm)
Campus Room	Campus Essen Consult LSF
Credits	5
Language	Englisch
Description/ Kommentar	This three-day seminar/workshop combines phases of theoretical input, simulation, discussion and reflection on key topics related to effective cross-cultural interaction in an international professional context. Definitions of culture, cross-cultural competence and major theoretical constructs are brought to life in case studies, cultural briefings, pragmatic communication exercises, virtual elements and interactive simulations.
Registration for Participation	elke.hochmuth@uni-due.de

Link LSF:

<https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=302292&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.7: Offer in the framework of UA Ruhr - Climate Change and Risk Management (en)
Lecturer	Div.
Type of course	Seminar
Venue	TU Dortmund, consult Link below
Credits	5
Language	English
Description	consult Link below
Registration for Participation	elke.hochmuth@uni-due.de (until 25th of September)

LSF (TU Dortmund):

<https://www.lsf.tu-dortmund.de/qisserver/rds?state=verpublish&status=init&vmfile=no&publishid=189769&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	8A: Advanced Module - Sustainable Urban Technologies
Title of the course	8A.8: Offer in the framework of UA Ruhr - Transport and Infrastructure
Lecturer	Div.
Type of course	Seminar
Venue	TU Dortmund, consult Link below
Credits	5
Language	English
Description	consult Link below
Registration for Participation	elke.hochmuth@uni-due.de (until 25th of September)

LSF (TU Dortmund)

<https://www.lsf.tu-dortmund.de/qisserver/rds?state=verpublish&status=init&vmfile=no&publishid=189796&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>