

Schedule of Lectures

„Sustainable Urban Technologies (SUT)“

winter term 2017/18

for students of the **first semester**

**Kindly note: Please consult LSF-Link for current information
and current announcements!**

**Please make familiar with the LSF (electronic Schedule of
Lectures) from our University!**

Important! The registration for participation in the courses and the participation in the examinations of the selected courses are two different issues! Kindly note: Only in the courses, in which you registered for exams and in which you have successfully completed the examination you can receive credits!

For participation in the courses please send an email to the Lecturer. For the examination of the courses you have to apply and register online or by writing to the examination office during the specified registration period from the University. Information about the registration period, other audit information and templates from the examination office can be found here:

https://www.uni-due.de/verwaltung/pruefungswesen/e_sustainable_urban_tech_startseite.php

Mrs. Svenja Dahl (svenja.dahl@uni-due.de) from the central examination office of the University is responsible e.g. for the registrations of the examinations and the recording of all your results. All courses in which you are registered for the examination will be listed on your transcript of records. In the LSF you can see and print the transcript with all the results of your examinations.

Overview

Sustainable Urban Technologies				
No. of Module	Title of the Course	Lecturer	Time Schedule	Type of course
1	Integrative Module I - Introduction to Urban Systems			
1.1	RUHR LECTURE – Key Issues in Metropolitan Research (en) (Pflicht)	Gurr/Schmidt et al.	Always Tuesdays (5pm until 8pm (latest); only 6 meetings! • 17.10.17; Venue: Emschergenossenschaft; Kronprinzenstraße 24, 45128 Essen • 07.11.17, Venue: Campus Essen (Room: R12 S00 H12, Glaspavillon); • 28.11.17 and 19.12.2017; Venue: TU Dortmund (Room: Campus Süd, GB I, R. 103); • 9.01.18 and 30.01.18 Venue: Ruhr Universität Bochum	Lecture
1.2	Introduction: Sustainable Urban Technologies (en) (Pflicht)	Krumme	Mittwochs (16:00 bis 18:00 Uhr)	Lecture
1.3	Introduction: Urban Culture, Society and Space (en) (Pflicht)	Gurr/Wehling	Mittwochs (12:00 bis 14:00Uhr)	Lecture
1.4	Introduction: Integrated Urban Development (en) (Pflicht)	Schmidt/Tran	Mittwochs (10:00 bis12:00 Uhr)	Lecture

de = in German; en = in English; grey highlighted = compulsory courses , yellow highlighted = attendance is highly recommended

Sustainable Urban Technologies

No. of Module	Title of the Course	Lecturer	Time Schedule	Type of course
2A	Introductory Module - Sustainable Urban Technologies (students choose two of the following courses)			
2A.1	Statistical Methods and GIS in urban Studies (de/en) (Attendance highly recommended)	Sattler	Block 1 (German): 19.02.18 until 23.2.18 (9:00am bis 4.30 pm) or Block 2 (English): 26.02.18 until 02.03.18 (9:00am until 4.30pm)	Blocks (please choose block 1 or 2)
2A.2	Urban Infrastructures (en)	Schmidt et al.	Mondays 8.1.2018 (10am until 1pm) 15.1.2018 (12 - 2pm) 22.1.2018 (2 - 4 pm) 29.1.2018 (10am - 1pm) 5.2.2018 (10 - 1pm and 1pm - 3 pm; 2 lectures) Written examination 13.2. (Tu), 10am - 12 am (only 90 minutes)	Blocks
2A.3	Climate Change and Adaptation Strategies within Urban Areas (en)	Melkonyan	Thursdays, between 2 and 4pm	Lectures
2A.4	Waste Water Treatment (en)	Panglisch/Hobby	Lecture: Tuesdays, 8 a.m. to 10 a.m. (Duisburg) additional seminar	Lecture
2A.5	Urbanization of the developing world – views from geography (en)	Schneider	Block 1: October, 16 th 17 (Mo) Block 2: October, 20 th 17 (Fr) Block 3: October, 30th 17 (Mo) always 9:15am until 5pm Block 4: February, 8th 2018 (Thu); 9:15 am until 5pm Block 5: February, 9th 2018 (Fr); 9:15am until 5pm	Seminar/Blocks (please visit all specified appointments/ all blocks)
2A.6	Siedlungswasserwirtschaft 1/ Chemie (de)	Denecke et.a.l	Thursdays, 8.30 until 12midday	Lecture

3A Interdisciplinary Complementary Module – Urban Culture, Society and Space I (students choose one of the following courses)				
3A.1	Grundlagen der Stadtgeographie - Urbane Systeme: Geographische Annäherungen, Adaptionen, Anforderungen (de)	Juchelka/ Schulte-Derne	Tuesdays, 12.00pm – 2pm	Lecture
3A.2	Decarbonisation of Cities as Development Goal and Social Prozess. Capacities, Strategies, and Good Practice (highly recommended) (en)	Schüle (Wuppertal Institut)	Essen - Kick offs/Intros October, 27th 2017 (Fr) November, 03rd 2017 (Fr) November, 10th 2017 (Fr, optional date); always between 10.00am and 12.30am at Campus Essen Wuppertal - Seminar blocks January, 19th 2018 (Fr) January, 26th 2018 (Fr); February, 2nd 2018 (Fr) always between 9.30 and 3pm; at Wuppertal Institute in Wuppertal	Blocks (please visit all specified appointments/ all blocks)
3A.3	Karteninterpretation und Geographische Fernerkundung: Anwendungen im Bereich urbaner Systeme (de)	Juchelka	Thursday, 12(noon) until 2 pm; start: October,19 (kick-off meeting)	Lecture/ Seminar

de = in German; en = in English; grey highlighted = compulsory courses; Yellow highlighted = highly

Additional Offer (voluntary participation ; no credits)				
	Job Application Trainig (en)	Ruth Girmes	Saturday, December, 2 nd 2017 (11am until 4pm)	Workshop

The Modular Construction of the Masters Programme "Sustainable Urban Technologies"

Sem.	WS/SS	Module	CP	CH	Masters Programme "Sustainable Urban Technologies"				
1.	WS	1	15	8	Module 1: Integrative Module I - Introduction to Urban Systems 1.1: Key issues in Urban Systems (lecture) 1.2: Introduction: Sustainable Urban Technologies (lecture/seminar) 1.3: Introduction: Urban Culture, Society and Space (lecture/seminar) 1.4: Introduction: First Steps into Urban Planning (lecture/seminar) Module 2A: Introductory Module - Sustainable Urban Technologies (students have to choose 2 from various courses on offer) Module 3A: Interdisciplinary Complementary Module - Urban Culture, Society and Space I				
			3	2					
			4	2					
			4	2					
		2+3	10+5	4+2					
2.	SS	4	10	4	Module 4: Integrative Module II - "Healthy City" practically oriented seminar (internal) Module 5A: Intermediate Module - Sustainable Urban Technologies (students have to choose 3 from various courses on offer) Module 6A: Interdisciplinary Complementary Module - Urban Culture, Society and Space II				
		5+6	15+5	6+2					
3.	WS	7	20		Module 7: Internship Project (external, three months) Module 8A: Advanced Module - Sustainable Urban Technologies (students have to choose 2 from various courses on offer)				
		8	10	4					
4.	SS	9	25		Modul 9: Masters Thesis <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 100px; text-align: center;">Oral Examination</div>				
			5						
Σ disciplinary (without MA Thesis/Colloq.)			35	14	Annotations (1) Interdisciplinary Complementary Modules: These will be specially offered courses from the "other" masters programme (2) Introductory Modules, Intermediate Modules, Advanced Modules: There will be several classes on offer (5 CP each), individual specialisation				
Σ Integration			25	12					
Σ Complementary			10	4					
Masters Thesis + Oral Examination			30						
Practical Project/Internship (Module 7)			20						
Σ			120	30					

Details of all offered courses

Module	Integrative Module I - Introduction in Urban Systems
Title of the course	1.1: RUHR LECTURE – Key Issues in Metropolitan Research
Lecturer	Gurr/Schmidt et al.
Faculty/ Department	Joint Center Urban Systems together with RUBochum and TU Dortmund
Type of Course	Lecture/compulsory
Day of the week	Tuesdays
Time	5pm until 8pm (latest) only 6 meetings!
Campus	Different Universities Look LSF
Method of examination:	Written Examination
Credits	3
Hours/per week (SWS)	2
Language	English
Description/ Kommentar	<p>The series showcases the broad range of disciplines involved in metropolitan research in the University Alliance Ruhr (UAR): Experts from all three universities as well as external guests give insights into their current work. While the main focus lies on the Ruhr Region, experiences from other metropolitan regions are included in a comparative approach. Since 2013, the RUHR LECTURE has been organized by the Institute of Geography at Ruhr-University Bochum and the Faculty of Spatial Planning at TU Dortmund. They are now joined by the Joint Center "Urban Systems" at the University of Duisburg-Essen.</p> <p>Students are familiar with different approaches to the understanding, representation and management of urban and metropolitan research in different sectors and have an understanding of their interdependencies. Details about lectures series:</p> <p>https://www.uni-due.de/urbane-systeme/ringvorlesung_en.shtml</p>

Link LSF:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=290639&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	Integrative Module I - Introduction in Urban Systems
Title of the course	1.2: Introduction: Sustainable Urban Technologies
Lecturer	Krumme
Faculty/ Department	Engineering
Type of Course	Lecture/compulsory
Day of the week	Wednesday
Time	between 4 pm and 6 pm
Campus	Campus Essen
Room	S06 S00 B32
Method of examination:	Written Examination
Credits	4
Hours/per week (SWS)	2
Language	English
Description/ Kommentar	<p>The course introduces the core topics of technology-based issues of sustainable urban development.</p> <p>Coming from the background of the <i>Ecosystem Approach</i> (James J. Kay, American Council on Environmental Quality, amongst others) basic understandings of the urban environment as anthropogenic socio-technical ecosystem are explained. Protected assets (<i>water, soil, air, biodiversity etc.</i>) of ecologically oriented urban planning are defined as subjects of technology assisted innovations in urban environments. The mainstream political and scientific concepts of sustainable development (Dennis L. Meadows, Gro H. Brundtland, Klaus Töpfer, Frederic Vester, Robert Costanza, John Elkington, and others) are presented as well as their implications for a green industrial society under transformed socio-economic conditions. Sub-strategies considering the efficiency and sufficiency of innovations are explained. Technology is reflected as part of the nexus of un-sustainability (<i>Syndrome Approach</i>) and the necessary socio-economic change (<i>Integrated Technology Approach</i>). Networked components of future <i>smart cities</i> are discussed, such as <i>infrastructure, ICT, logistics, transportation and energy supply and consumption</i> issues. Some critical reviews of selected examples of future city concepts and mega/ global cities problems close the course.</p>

Link LSF:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=290627&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	Integrative Module I - Introduction in Urban Systems
Title of the course	1.3: Introduction: Urban Culture, Society and Space
Lecturer	Gurr / Wehling
Department	Humanities
Type of Course	Lecture/compulsory
Day of the week	Wednesday
Time	between 12 am and 2 pm
Campus	Campus Essen
Room	S06 S00 B32
Method of examination:	Written Examination
Credits	4
Hours/per week (SWS)	2
Language	English
Description/ Kommentar	<p>What does it mean to be "urban" - is it enough to live in a city? What is the "European City"? Is the city losing its role as an economic and cultural centre in the process of globalization? How can we "read" a city? What role does urban culture play in urban systems - indicator or instigator of key developments? Based on selected classic and recent texts as well as visual material such as maps and photographs, the course provides an overview of key issues in urban geography, urban sociology, urban cultural studies and points out their interdisciplinary interfaces with urban economics, urban planning, urban management as well as urban technology.</p> <p>Under the headings of "Form and Urban Space", "Economy, Functions and Urban Space" and "Urban Social Life, Urban Culture and Urban Space", we will introduce key issues in urban studies from a distinctly spatial perspective. These discussions will be complemented by an overview of classic definitions of urbanity and urbanism.</p> <p>The course will equip students with the necessary foundations and frame of reference for further interdisciplinary urban studies.</p> <p>A reader containing most texts to be discussed will be available in the copy-shop Reckhammerweg from early October. Further texts will be proved electronically in the course of the semester.</p> <p>For the first session, participants are expected to have read the first text in the reader.</p>

Link LSF:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=289676&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	Integrative Module I - Introduction in Urban Systems
Title of the course	1.4: Introduction: Integrated Urban Development
Lecturer	Schmidt / Tran
Faculty/ Department	Engineering
Type of Course	Lecture/compulsory
Day of the week	Wednesday
Time	between 10 am. and 12 am (noon)
Campus	Campus Essen
Room	S06 S00 B32
Method of examination:	Written Examination
Credits	4
Hours/per week (SWS)	2
Language	English
Description/ Kommentar	<p>This lecture examines the evolving structure of cities and the way that cities can be designed and developed for the longterm future. The most important aspect is seen to be the quality of life in our urban spaces especially in these modern times of conflicting priorities and interests.</p> <p>Its scope includes historical forces that have produced cities, today's and future challenges for urban planning and urban design, interdisciplinary perspectives under the general heading of "The City" with different themes such as sustainability, health, energy efficiency, mobility, climate change, urban green spaces and demographic change.</p>

Link LSF:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=290708&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	2A: Introductory Module - Sustainable Urban Technologies
Title of the course	2A.1: Statistical methods and GIS in Urban Studies (en)
Lecturer	Sattler
Type of Course	Lecture and Exercise
Day of the week Time	Block 1 (German): 19.02.18 until 23.2.18 (9:00am bis 4.30 pm) or Block 2 (English): 26.02.18 until 02.03.18 (9:00am until 4.30pm)
Campus Room	Campus Essen, Schützenbahn Look LSF
Credits	5
Language	English / German
Description/ Kommentar	Taking urban problems and processes as examples, the students will be introduced to the fundamentals of descriptive and analytical statistics, to Excel statistical tools, to SPSS as well as to the basics of cartography and spatial analysis using GIS. A reader will be provided.
Registration for Participation	Please send an Email for your registration for that course to birgit.sattler@uni-due.de The content of this course is important for mastering Module 4 (second semester; compulsory Module).

Link LSF:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=297303&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung> (deutsch)

and

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=290752&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	2A: Introductory Module - Sustainable Urban Technologies
Title of the course	2A.2: Urban Infrastructures (en)
Lecturer	Schmidt et al
Type of Course	Lectures in blocks
Day of the week Time	Sessions on Mondays 8.1.2018 (10am until 1pm) 15.1.2018 (12 until 2pm) 22.1.2018 (2 until 4 pm) 29.1.2018 (10am until 1pm) 5.2.2018 (10am until 1pm and 1pm until 3 pm; 2 lectures) Written examination 13.2.2018 (Tu), 10am until 12 am (only 90 minutes) For current information please look at the LSF-Link
Campus Room	Campus Essen Look LSF
Credits	5
Language	Englisch
Description/ Kommentar	Look LSF
Registration for Partizipation	For participation nor registration, but registration for examination

Link LSF:

<https://campus.uni-duisburg-essen.de/lfsf/rds?state=verpublish&status=init&vmfile=no&publishid=290756&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	2A: Introductory Module - Sustainable Urban Technologies
Title of the course	2A.3: Climate Change and Adaptation Strategies within Urban Areas (en)
Lecturer	Melkonyan
Type of Course	Lecture
Day of the week Time	Thursday between 2pm and 4 pm
Campus Room	Campus Essen Look LSF
Credits	5
Language	English
Description/ Kommentar	Please consult LSF-Link
Registration for Partizipation	Please send an Email for your registration for that course to ani.melkonyan@uni-due.de

Link LSF:

<https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=297141&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	2A: Introductory Module - Sustainable Urban Technologies
Title of the course	2A.4: Waste Water Treatment (en)
Lecturer	Panglisch/ Hobby
Type of Course	Lecture /Exercise
Day of the week	Thursday
Time	8am until 12midday
Campus	Campus Duisburg
Room	MB 143
Method of examination:	Written Examination, Klausur
Credits	5 credits
Language	English
Description/ Kommentar	Look LSF
Registration for Partizipation	Please send an Email for your registration for that course to ralph.hobby@uni-due.de

Link LSF:

<https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=289570&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

and

<https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=289569&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	2A: Introductory Module - Sustainable Urban Technologies
Title of the course	2A.5: Urbanization of developing world – views from geography (en)
Lecturer	Schneider
Type of Course	Blockseminar
Day of the week Time	<u>Block 1:</u> October, 16 th 17 (Mo) <u>Block 2:</u> October, 20 th 17 (Fr) <u>Block 3:</u> October, 30 th 17 (Mo) always 9:15am until 5pm <u>Block 4:</u> February, 8 th 2018 (Thu); 9:15 am until 5pm <u>Block 5:</u> February, 9 th 2018 (Fr); 9:15am until 5pm
Campus Room	Essen Check LSF
Credits	5
Language	Englisch
Description/ Kommentar	<p>Urbanization in developing countries shows a number of characteristics different from those in the developed part of the world: the process is more rapid, it gives rise to large mega-cities, functional re-organization of urban space is paralleled by processes of diffusing centrality, fragmentation and socio-spatial disparities. Informality and its articulation with formality is of utmost importance. The focus will be on livelihood strategies and housing provision in a fragmented urban space. The distinctive features of urbanization in the developing world will be dealt with in a combination of lectures and seminar work providing basic information and analyzing selected city examples.</p>
Registration for Partizipation	Please send an Email to helmut.schneider@uni-due.de

Link LSF:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=297112&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	2A: Introductory Module - Sustainable Urban Technologies
Title of the course	2A.6: Siedlungswasserwirtschaft 1/Chemie (de)
Lecturer	Denecke et. al.
Type of Course	Lecture and seminar
Day of the week	Thursdays
Time	between 8.30 until 12 midday
Campus	Campus Essen
Room	Look LSF
Credits	5 (im Master's Programme SUT) (sonst mit 6 angegeben)
Language	Deutsch (German)
Description/ Kommentar	<p>Abwasserreinigung</p> <ul style="list-style-type: none"> • Weitergehende Verfahren zur Abwasserreinigung (Stickstoffelimination, Phosphorelimination etc.) • Verfahren zur Nährstoffrückgewinnung <p>Stadtentwässerung</p> <ul style="list-style-type: none"> • Anforderungen einer weitergehenden Regenwasserbehandlung durch ATV-DVWK A117, BWK M3 und EG Wasserrahmenrichtlinie • Techniken für eine weitergehende Regenwasserbehandlung • Nährstoffbelastung von Gewässern durch diffuse Quellen • Einfluss des Klimawandels und der Demographie für die Planung von kanalnetzen und Regenwasserbehandlungsanlagen <p>Trinkwasseraufbereitung und -verteilung</p> <ul style="list-style-type: none"> • Quellen und Wirkung von Spurenstoffen im Trinkwasser • Weitergehende Verfahren zur Trinkwasseraufbereitung • Anforderungen an die Trinkwasserversorgung in Megastädten
Registration for Partizipation	Please send an Email for your registration for that course to martin.denecke@uni-due.de

Link LSF:

<https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=289499&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Module	3A: Interdisciplinary Complementary Module - Urban Culture, Society and Space I
Title of the course	3A.1: Urbane Systeme: Geographische Annäherungen, Adaptionen, Anforderungen – Grundlagen der Stadtgeographie (de) (highly recommended)
Lecturer	Juchelka / Schulte-Derne
Type of Course	Vorlesung
Day of the week	Tuesdays
Time	12.00pm until 2pm
Campus Room	Campus Essen, Schützenbahn SM 102
Language	Deutsch (German)
Credits	5
Description/ Kommentar	<p>Inhalte: Urbane bzw. städtische Räume zeichnen sich durch vielfältige strukturelle Differenzierungen, Verflechtungen und Prozessabläufe aus. Die Bedeutung dieser Raumstrukturen nimmt weltweit ständig zu, vielfach wird von einem „Jahrtausend der Städte“ gesprochen. In der Vorlesung werden grundlegende Entwicklungs- und Steuerungsfaktoren städtischer Raummuster aufgezeigt, dabei werden Bezüge zu anderen raumwirksamen Elementen wie Bevölkerung, Wirtschaft und Verkehr hergestellt.</p> <p>Lernziele: Konzeptionen zum Management urbaner Systeme analysieren, Prozesse erläutern, Entwicklungen bewerten und zu Lösungsansätzen beitragen.</p>
Registration for Partizipation	Zur Anmeldung senden Sie bitte eine Email an rudolf.juchelka@uni-due.de

Link LSF

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=289500&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Modul	3A: Interdisciplinary Complementary Module - Urban Culture, Society and Space I
Veranstaltungsname	3A.2: Decarbonisation of Cities as Development Goal and Social Prozess. Capacities, Strategies, and Good Practice (en) (highly recommended)
Lecturer	Schüle, Wuppertal Institut
Type of Course	Seminar/Block
Day of the week Time	Essen - Kick offs/Intros October, 27 2017 (Fr) November, 03 2017 (Fr) November, 10 2017 (Fr, optional date); always between 10.00am and 12.30am at Campus Essen Wuppertal - Seminar blocks January, 19 2018 (Fr) January, 26 2018 (Fr); February, 2nd (Fr) always between 9.30 and 3pm; at Wuppertal Institute in Wuppertal
Campus Room	Essen Look LSF Link!
Language	English
Credits	5
Description/ Kommentar	Look LSF Link!
Registration for Partizipation	ralf.schuele@wupperinst.org

Link LSF:

<https://campus.uni-duisburg-essen.de/lst/rds?state=verpublish&status=init&vmfile=no&publishid=289481&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Modul	3A: Interdisciplinary Complementary Module - Urban Culture, Society and Space I
Veranstaltungsname	3A.3: Karteninterpretation und Geographische Fernerkundung: Anwendungen im Bereich urbaner Systeme (de)
Dozent/in	Juchelka
Fakultät/ Fachgebiet	Geisteswissenschaften / Geographie
Veranstaltungsart	Seminar
Wochentag Uhrzeit	Donnerstag/Thursday; Erster Termin und Auftakt: 19.10.2017 12:00 bis 14:00 Uhr
Campus Raum	Campus Essen, Schützenbahn Siehe LSF
Credits	5
SWS	2
Sprache	Deutsch
Description/ Kommentar	<p>Inhalt des Seminars: In diesem methodisch – aber auch inhaltlich aus stadtgeographischer Perspektive - ausgerichteten Seminar steht im Mittelpunkt die Analyse und Interpretation urbaner Raumstrukturen in topographischen und thematischen Karten sowie Luft- und Satellitenbildern deutscher, europäischer und außereuropäischer Städte. Nach einer Einführung in die Karteninterpretation (mit einer kurzen Wiederholung bzw. Auffrischung zu notwendigen Grundkenntnisse aus der thematischen Kartographie) folgen beispielhafte Analysen ausgewählter Karten, Pläne und Luft-/Satellitenbilder, um städtische Raummuster mit Hilfe dieser Medien hinsichtlich ihrer Strukturen, Funktionen und Prozesse analysieren zu können. Das Spektrum der vorgestellten und analysierten kartographische Darstellungsformen reicht von topographischen über thematische Karten bis hin zu Flächennutzungs- und Bebauungsplänen. Besondere Vorkenntnisse bzw. spezifische Teilnahmevoraussetzungen sind für dieses Seminar nicht erforderlich. Qualifikation: Abschlussklausur in der letzte Seminarsitzung (07.02.2016); regelmäßige Teilnahme, aktive Mitarbeit sowie vorbereitende Übungsaufgaben</p>
Anmeldung wegen Teilnahme	rudolf.juchelka@uni-due.de

Link LSF:

<https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=290982&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

Job Application Training - Bewerben in Deutschland für Studierende der Urban Studies (en)	
Lecturer	Ruth Grimes, ABZ/Career Service
Type of Course	Workshop
Day of the week Time	Saturday, December, 2 nd , 2017 11:00am –4pm
Campus Room	Campus Essen S02 T00 L46
Lecturer	No Credits, Voluntary Partizipation
Language	English
Description/ Kommentar	<ul style="list-style-type: none"> • basic knowledge of the German labor market and the application process will be explained • Information on jobs of the German labor market will be given and application documents will be explained and checked • Students will receive instruction material
Registration for Partizipation	For registration please send an Email (latest December, 1 st 2017 to ruth.girmes@uni-due.de