

Schedule of Lectures

„Sustainable Urban Technologies (SUT)“

(offer for students of the second semester)

summer term 2014

In case there are scheduling overlaps between weekly courses and block seminars, please contact the lecturer responsible for the weekly course. Please inform the lecturer that you would like to attend another course on a few dates. In general, you can then catch up on the contents of the weekly course that you have missed.

Important: Please inform Dr. Hochmuth (elke.hochmuth@uni-due.de) out the courses you have chosen via Email.

Mrs. van Wasen (beate.vanwasen@uni-due.de) is working in the central examination office at the University of Duisburg-Essen. For all specified courses you can usually register online for the examinations. She is responsible for these registrations.

Current Information about the courses you find always in LSF!

Overview

| Sustainable Urban Technologies | | | | |
|---------------------------------------|--|----------------------|---|--|
| No. of Module | Title of the Course/(language) | Lecturer | Time schedule | Type of course |
| 4 | Integrative Module II – Practically oriented seminar (compulsary) | | | |
| | The Generation Project Emscher Conversion – Quality of Life and New Resources - practically oriented seminar | Moebus, Wehling | Mondays (weekly) | SE |
| 5A | Intermediate Module - Sustainable Urban Technologies (students choose three of the following courses) | | | |
| 5A.1 | Sustainable Urban Logistics (en) | Aimen | Tuesday (2.30pm – 4pm) (Duisburg) | Seminar (Duisburg) |
| 5A.2 | Water Treatment (en) | Gimbel | Thursday (8.45 – 11.15 am) (Duisburg) | Lecture/ Exercise |
| 5A.3 | Urbanization of the developing world – views from geography (en) | Schneider | <u>Block 1:</u> 2.4. (We) 8.00am – 4pm <u>Block 2:</u> 15.5. (Thur) 8.00am– 4pm <u>Block 3:</u> 16.5. (Fr) 8.00am – 4pm <u>Block 4:</u> 17.7. (Thur) 11.00am - 6pm <u>Block 5:</u> 18.7. (Fr). 9.00am– 6 pm | Blocks/SE (you have to visit all blocks) |
| 5A.4 | Sustainability Science & Urban Transitions (en) | Krumme/Kehrer | 21.-22. + 25.-28. August 2014 (9am – 4pm) | Block/SE (you have to visit all blocks) |
| 5A.5 | Elektrische Energieversorgungssysteme (German) (de) | Erlich | Wednesday (12.00 – 3pm) (Duisburg) | Lecture |
| 5A.6 | Operations Research (German) (de) | Kimms | Wednesday (12.00 – 2pm) (Duisburg) | Lecture |
| 5A.7 | Spatial Pattern Analysis with ArcGIS: Analysing trends and Clusters (en) | Sattler | <u>Block 1:</u> 28.7. (Mo) 9.00am – 4pm <u>Block 2:</u> 29.7. (Tue) 9.00am – 4pm <u>Block 3:</u> 30.7. (We) 9.00am – 4pm <u>Block 4:</u> 1.8. (Fr) 9.00am – 4pm | Blocks/SE (you have to visit all blocks) |
| 5A.8 | SS- Ramallah _metaSIP (en) | Hochmuth/ Schmidt | <u>Block: 1.8. – 17.8.2014</u> | SS Call for application/ only accepted student can participate |

| No. of Module | Title of the Course/(language) | Lecturer | Time schedule | Type of course |
|---------------|--|----------------------------|---|--|
| 5A | Intermediate Module - Sustainable Urban Technologies (students choose three of the following courses) | | | |
| 5A.9 | Translation of application-related issues in GIS-based assessment methods (en) | Knospe | <u>Block 1:</u> 8.4. (Tue) 8.30 - 11.00am <u>Block 2:</u> 17.4. (Thur) 8.30 - 11.00am <u>Block 3:</u> 24.4. (Thur) 8.30 - 11.00am <u>Block 4:</u> 30.4. (We) 8.30 - 11.00am <u>Block 5:</u> 4.7. (Fr) 8.30 - 12.00am | Block/SE (you have to visit all blocks) |
| 5A.10 | Städtebau 3 (de) | Bauwissenschaften | Tuesday s 10.00-14.00 | Seminar |
| 5A.11 | Städtebau 4 (de) | Schmidt/Tran | Between 8.04.2014 and 15.07.2014: Tuesday 14.00 – 18.00 22.07.2014: 14.00-18.00 (Presentation) Additional appointment: 4.7.2014 (for details please look LSF) | Seminar |
| 6A | Interdisciplinary Complementary Module – Urban Culture, Society and Space II (students choose one of the following courses) | | | |
| 6A.1 | Grundlagen der strategischen Stadtentwicklungsplanung - sozial, ökonomisch, ökologisch (German/English) (de/en) | Hassenpflug | <u>Block 1:</u> 24.4. (Thur) ; 1pm – 5pm + 25.4.14 (Fr) 9.00 – 2pm <u>Block 2:</u> 22.5. (Thur); 1pm – 5pm + 23.5. (Fr) 9.00am – 2pm <u>Block 3:</u> 11.6. (We); 1pm – 5pm + 12.6. (Thur) 9.00am - 2pm <u>Block 4:</u> 10.7. (Thur); 1pm – 5pm + 11.7. (Fr) 9.00am – 2pm | SE/Blocks (you have to visit all blocks) |
| 6A.2 | Low Carbon Society - Roadmapping for Sustainability Transitions at Local and Regional Level (English) | Schüle, Wuppertal Institut | <u>Block 1:</u> 10.4. (Thur); 9.30 - 12.00am <u>Block 2:</u> 8.5. (Thur) ;9.30 - 12.00am <u>Block 3:</u> 26.6. (Thur); 9.00 - 5pm <u>Block 4:</u> 3.7. (Thur); 9.00 - 5pm | SE/Block (you have to visit all blocks) |
| 6A.3 | Urban Imaginaries (en) | Gurr | 1.4. - 4.4.2014 (10am – 4pm) | SE/Block (you have to visit all blocks) |
| 6A.4 | Einführung in Themen der Wirtschaftsförderung in Theorie und Praxis (de) | Wehling /Fricke | <u>Termin 1:</u> 1.4. (Di) ab 14.00 bis 18.30 Uhr <u>Termin 2:</u> 8.4. (Di) ab 14.00 bis 18.30 Uhr | Block/SE (you have to visit all blocks) |

| | | | Termin 3: 25.6. (Mi) ab 12.00 bis 18.30 Uhr Termin 4 (Exkursion): 27.6. (Fr) ab 8.00 bis 18.00 Uhr Termin 5 (Exkursion): 28.6. (Sa) ab 8.00 bis 18.00 Uhr | |
|---------------|--|------------------|---|---|
| No. of Module | Title of the Course/(language) | Lecturer | Time schedule | Type of course |
| 6A | Interdisciplinary Complementary Module – Urban Culture, Society and Space II (students choose one of the following courses) | | | |
| 6A.5 | Stadtquartiere im Wandel: Zwischen Aufwertung und Gentrifizierung (de) | Schulz, Kristina | Meeting 1 (Kick-off): 18.3. (Tue) 2pm – 4pm Meeting 2: 11.4. (Fr) 9.00 am– 5pm Meeting 3: 9.5. (Fr) 9.00am – 5pm Meeting 4: 13.6. (Fr) 9.00 – 5pm Meeting 5 (excursion): 14.6. (Sa). 9.00am – 5pm | Block/SE (you have to visit all blocks) |
| 6A.6 | Geographische Immobilienmarktforschung im städtischen Raum (de) | Juchelka | Meeting 1 (Kick-off): 28.4. (Mo) 11am – 12 am Block: 23.7. (We) and 24.7. (Thur): 10am – 5pm | Block/SE (you have to visit all blocks) |

En= English; De = Deutsch

| Module | Integrative Module II |
|-----------------------------|--|
| Title of the course | Module 4: The Generation Project Emscher Conversion – Quality of Life and New Resources - practically oriented seminar (compulsory) |
| Lecturer | Moebus / Wehling |
| Type of Course | Project Seminar |
| Day of the week/Time | Mondays between 9:30 and 5pm |
| Campus Room | Essen, Schützenbahn consult LSF |
| Credits | 10 |
| Hours/per week (SWS) | 4 |
| Language | English/ German |
| Description | <p>Health is one of the main needs of humans. DeBlockants of health include the social, economic and cultural environment as well as the physical environment. The <i>Emscher conversion</i> – as one of Europe’s biggest infrastructure projects – aims at the reconstruction of an 80-kilometre open wastewater conduit to a restored natural waterway. This reconstruction comprises technical, social, cultural, political, economic, and environmental aspects. Thus, the assessment of direct and indirect health impacts of the conversion requires an interdisciplinary approach.</p> <p>Using the real-life project <i>Emscher conversion</i> as an excellent example to study the complex structure of urban settings, this practice-oriented seminar includes methods and techniques from epidemiology, engineering (i.e. water, logistics) and social sciences as well as city planning and urban design. Aim is to allow students to develop a comprehensive picture and understanding of urban settings and development. Main tasks of the three- to five-person groups include the selection of suitable urban districts of the <i>Emscher</i> region by analyzing topographic maps, the characterization of selected districts according to historical developments, structural, social, environmental and health conditions, using secondary and primary data. By matching these data students will find specific district related problems as well as most suitable and convincing conditions and solutions.</p> |

Link LSF: <https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=230212&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

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|---------------------------------|---|
| Module | 5A: Intermediate Module - Sustainable Urban Technologies |
| Title of the course | 5A.1: Sustainable Urban Logistics |
| Lecturer | Remida |
| Type of Course | SE |
| Day of the week Time | Tuesday; 15.04.2014 - 08.07.2014 14.30 – 16.00 (Duisburg) |
| Campus Room | Duisburg SK 010 (Keetmanstr. 3-9 Duisburg) |
| Credits | 5 |
| Hours/per week (SWS) | 2 |
| Language | English |
| Description | This research seminar is dedicated to the analysis of interconnected urban logistics systems, with a particular focus on social, economic and ecological dimensions of the sustainable development in urban areas. A holistic approach to urban mobility and an understanding of the science of logistics as the study of flows in networks should guide students in grasping the complexity of current and future challenges facing urban systems. |
| Registration | Aimen Remida: auo@hotmail.de |

LSF: requested!

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| Modul | 5A: Intermediate Module - Sustainable Urban Technologies |
| Veranstaltungsname | 5A.2: Water Treatment (en) |
| Lecturer | Gimbel |
| Type of Course | Lecture |
| Day of the week Time | Thursday 8:45 - 10.15am (Excercise 10.15 – 11am) |
| Campus Room | Duisburg MB 242 |
| Credits | 5 |
| Hours/per week (SWS) | 2 |
| Language | English |
| Description | <p>Nach einem Überblick über die verfahrenstechnischen Prozesse und mögliche Kombinationen werden in der Veranstaltung schwerpunktmäßig die Grundlagen zu folgenden verfahrenstechnischen Prozessen behandelt:</p> <ul style="list-style-type: none"> Oxidation Ionenaustausch Adsorption Flockung Filtration (konventionelle Verfahren) Gasaustausch Entkarbonisierung Membranverfahren Sedimentation Schlammbehandlung |
| Registration | rolf.gimbel@uni-due.de |

Link LSF: <https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=226268&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

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| Modul | 5A: Intermediate Module - Sustainable Urban Technologies |
| Veranstaltungsname | 5A.3: Urbanization of the developing world – views from geography (en) |
| Lecturer | Schneider |
| Type of Course | SE/Block |
| Day of the week Time | <u>Block 1:</u> 2.4. (Mi) 8.00 – 4pm <u>Block 2:</u> 15.5. (Thur) 8.00 - 4pm <u>Block 3:</u> 16.5. (Fr) 8.00 - 4pm <u>Block 4:</u> 17.7. (Thur) 11.00 - 6pm <u>Block 5 :</u> 18.7. (Fr). 9.00 - 6pm |
| Campus Room | Campus Essen Consult LSF |
| Credits | 5 |
| Hours/per week (SWS) | 2 |
| Language | English |
| Description | 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. |
| Registration | helmut.schneider@uni-due.de |

Link LSF: <https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung&veranstaltung.veranstid=230143&purge=y&topitem=lectures&subitem=editlecture&asi=LNefOtWjplSZkBGJ7wh6>

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| Modul | 5A: Intermediate Module - Sustainable Urban Technologies |
| Veranstaltungsname | 5A.4: Sustainability Science & Urban Transitions |
| Lecturer | Krumme/ Kehrler |
| Day of the week Time | 21.-22. + 25.-28. August 2014 9am – 4pm |
| Campus Room | Essen Consult LSF |
| Credits | 5 |
| Language | English |
| Description | <p>Motivational Background: With this seminar we want to close gaps between conceptual ideas of sustainable development, trends in the international discussion of green/ alternative urban systems and the actual scientific basis/ the findings of the international research community, particularly from the emerging sustainability science as well as transition research.</p> <p>Learning Goal: <i>We provide a scientifically coherent basis in order to understand, integrate and evaluate current dominant as well as alternative developments in society, economics and technology, particularly for the urban system background and the grand sustainability challenge.</i></p> <p>The seminar will be based on scientific presentations, group works/discussions and the interactive mapping and correlation of results and upcoming questions, in order to provide you with profound knowledge about sustainability science, especially for the urban system background. Based on this knowledge, we will deduce new/ innovative development and planning processes and discuss how enabling factors can be used effectively for the purpose of establishing/developing new ways/examples of urban transition management towards sustainability.</p> <p>In a first step the seminar will thus provide essential insights in the emerging frameworks and findings of sustainability science in a practical and concrete way. Generally the seminar will build its concept upon fundamental principles of and strategies derived from modern ecological science (Ecosystem Services Approach, Ecosystem Approach, as well as Ecological Economics). Doing so, system capacity based (socio-cultural, socio-economic and industrial) developments become more tangible for the background of so called “strong sustainability models”.</p> <p>In a second part the seminar will transfer the lessons learned to sustainable development perspectives of urban systems and give answers how those transitions can be understood, planned and measured. Crucial issues reflected are amongst others:</p> <ul style="list-style-type: none"> • <i>Why are cities critical key players in the field of a global sustainable development?</i> • <i>How can cities be mobilized on the way towards a transformation of our socioeconomic system, oriented on long term social and ecological capabilities?</i> • <i>How can we extract use of typical “urban advantages” (industry, knowledge, density, accessibility, social and business networks, technological infrastructures and means etc...) to make cities actually the most sustainable form of human living?</i> <p>In a final phase enabling factors for the desired transitions are identified and discussed, that could effectively trigger alternative pathways for worldwide urban systems, understood against the background of an integrative Quality of Life Approach (QoL). The seminar concentrates therefore beside profound theoretical state of the art literature research on concrete case studies from cities and urban systems all over the globe. In the seminar we therefore favour a bilateral strategy both on so called hard and soft skills/ leverages, respectively push and pull factors, for sustainable urban transition management: technological (e.g. smart city strategies) as well as socioeconomic (e.g. sharing economies) and socio-cultural aspects (e.g. transition town movement).</p> |
| Registration | doerte.ringel@uni-due.de |

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| Module | 5A: Intermediate Module - Sustainable Urban Technologies |
| Title of the course | 5A.5: Elektrische Energieversorgungssysteme (German) |
| Lecturer | Erlich |
| Type of Course | Lecture |
| Day of the week | Wednesday |
| Time | 12:00 - 15:00 |
| Campus | Duisburg |
| Room | BA 127 |
| Credits | 5 |
| Hours/per week (SWS) | 3 |
| Language | German |
| Description | Consult Link LSF |
| Registration | istvan.erlich@uni-due.de |

Link LSF: <https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=225744&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

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| Module | 5A: Intermediate Module - Sustainable Urban Technologies |
| Title of the course | 5A.6: Operations Research (German) |
| Lecturer | Kimms |
| Type of Course | Lecture |
| Day of the week | Wednesday |
| Time | 12:00 – 2pm |
| Campus | Duisburg |
| Room | LA Audimax |
| Credits | 5 |
| Hours/per week (SWS) | 3 |
| Language | German |
| Description | Consult LSF |
| Registration | alf.kimms@uni-due.de |

LSF <https://campus.uni-duisburg-essen.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=224944&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

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| Module | 5A: Intermediate Module - Sustainable Urban Technologies |
| Title of the course | 5A.7: Spatial Pattern Analysis with ArcGIS: Analysing trends and (English) |
| Lecturer | Sattler |
| Type of Course | Blocks/SE |
| Time of Blocks | Block 1: 28.7. (Mo) 9.00am – 4pm Block 2: 29.7. (Tue) 9.00am – 4pm Block 3: 30.7. (We) 9.00am – 4pm Block 4: 1.8. (Fr) 9.00am – 4pm |
| Campus Room | Essen SR102 |
| Credits | 5 |
| Hours/per week (SWS) | 2 |
| Language | English |
| Description | The course gives an introduction to basic concepts of spatial pattern analysis using tools in the Spatial Statistics Toolbox and some special extensions (e.g. Patch Analyst, Network Analyst) to identify patterns, trends and relationships |
| Registration | birgit.sattler@uni-due.de |

LSF: <https://lsf.uni-due.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=225213&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

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| Module | 5A: Intermediate Module - Sustainable Urban Technologies |
| Title of the course | 5A.8: SS- Ramallah_metaSIP(English) |
| Lecturer | Hochmuth/Schmidt /Aruri etc. |
| Type of Course | Summerschool |
| Time of Blocks | <u>Block 1</u> : 1.8. – 17.8.2014 |
| Place of Venue | The SS takes place in Ramallah, Palestine |
| Credits | 10 |
| Language | English |
| Description | Call for application finished February, 23. Only accepted students can participate. For further Information consult: https://www.uni-due.de/apps/rss.php?id=145&db=urbanesysteme |

LINK: <https://campus.uni-duisburg-essen.de/lrf/rds?state=verpublish&status=init&vmfile=no&moduleCall=webInfo&publishConFile=webInfo&publishSubDir=veranstaltung&veranstaltung.veranstid=231630&purge=y&topitem=lectures&subitem=editlecture&asi=v4JIQNicTk81yarSjfDY>

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| Module | 5A: Intermediate Module - Sustainable Urban Technologies |
| Title of the course | 5A.9: Translation of application-related issues in GIS-based assessment methods (English) |
| Lecturer | Knospe |
| Type of Course | Blocks |
| Time of Blocks | <u>Block 1:</u> 8.4. (Tue) 8.30 -11.00am <u>Block 2:</u> 17.4. (Thur) 8.30 -11.00am <u>Block 3:</u> 24.4. (Thur) 8.30 -11.00am <u>Block 4:</u> 30.4. (We) 8.30 -11.00am <u>Block 5:</u> 4.7. (Fr) 8.30 -12.00am |
| Campus | Essen |
| Room | Look at the LSF |
| Credits | 5 |
| Hours/per week (SWS) | 2 |
| Language | English |
| Description | The seminar provides principles for the assessment of Urban Systems. It shows application related operations, that make the assessment transparent and understandable. The aim is to separate editing a question. In this case, an evaluation system is developed, which is based on the GIS processing. The performance assessment is performed by a 15 minute final presentation of the results. The main goal is the independent processing of a urban question. In this case, an evaluation system is developed, which is based on the GIS processing. The Assessment is by a 15 minute final presentation of the results. |
| Registration | birgit.sattler@uni-due.de |

LINK: <https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&moduleCall=webInfo&publishConfFile=webInfoPerson&publishSubDir=personal&keep=y&personal.pid=56163>

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| Module | 5A: Intermediate Module - Sustainable Urban Technologies |
| Title of the course | 5A.10: Städtebau 3 (Deutsch) |
| Lecturer | Bauwissenschaften, Diverse |
| Type of Course | Seminar |
| Time | Dienstag (Tuesday), 10.00-14.00 |
| Campus Room | Essen V15 R01 H76 |
| Credits | 5 |
| Hours/per week (SWS) | 4 |
| Language | Deutsch/ German |
| Description | Information here: https://www.uni-due.de/staedtebau/ |
| Registration | Dr. Minh-Chau Tran (minh-chau.tran@uni-due.de) |

LINK: <https://www.lsf.uni-due.de/lsf/rds?state=verpublish&status=init&vmfile=no&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung&veranstaltung.veranstid=230970&menuid=&topitem=lectures&subitem=editlecture#terms>

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| Module | 5A: Intermediate Module - Sustainable Urban Technologies |
| Title of the course | 5A.11: Städtebau 4 (Deutsch) |
| Lecturer | Schmidt/Tran |
| Type of Course | Seminar |
| Time | Between 8.04.2014 and 15.07.2014: Tuesday 14.00 – 18.00 22.07.2014: 14.00-18.00 (Presentation) Additional appointment: 4.7.2014 (for details please look LSF) |
| Campus | Essen |
| Room | V15 R04 H25 |
| Credits | 5 |
| Hours/per week (SWS) | 4 |
| Language | Deutsch/German |
| Description | Information here: https://www.uni-due.de/staedtebau/ |
| Registration | Dr. Minh-Chau Tran (minh-chau.tran@uni-due.de) |

LINK: <https://www.lsf.uni-due.de/lsf/rds?state=verpublish&status=init&vmfile=no&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung&veranstaltung.veranstid=225701&menuid=&topitem=lectures&subitem=editlecture>

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| Module | 6A: Interdisciplinary Complementary Module - Urban Culture, Society and Space II |
| Title of the course | 6A.1: Grundlagen der strategische Stadtentwicklungsplanung – sozial, ökonomisch, ökologisch (de/en) |
| Lecturer | Hassenpflug |
| Type of course | SE |
| Day of the week Time | <u>Block 1:</u> 24.4. (Thur) ; 1pm – 5pm + 25.4.14 (Fr) 9.00 – 2pm <u>Block 2:</u> 22.5. (Thur); 1pm – 5pm + 23.5. (Fr) 9.00am – 2pm <u>Block 3:</u> 11.6. (We); 1pm – 5pm + 12.6. (Thur) 9.00am - 2pm <u>Block 4:</u> 10.7. (Thur); 1pm – 5pm + 11.7. (Fr) 9.00am – 2pm |
| Campus Room | Campus Essen ConsultLSF |
| Credits | 5 |
| Hours/per week (SWS) | 2 |
| Language | Überwiegend Deutsch (begründet durch den fachlichen Hintergrund (deutsche Texte als Grundlage) / Erläuterungen auch in Englisch, allerdings sollten die TeilnehmerInnen zumindest Deutsch verstehen können |
| Description/ Kommentar | Das Seminar bietet eine praxisorientierte Einführung in die Grundbegriffe und Methoden des zukunftsorientierten städtischen Qualitätsmanagements. Das didaktische Konzept sieht vor, gemeinsam einen strategischen Plan für eine konkrete deutsche Referenzstadt zu entwickeln. Dieser Ansatz bietet den Studierenden die Möglichkeit, praxisnah alle relevanten Themen und Konzepte der strategischen Stadtentwicklungsplanung (SSEP) kennenzulernen. Behandelt werden: Die Bedeutung der SSEP; die rechtlichen Grundlagen der SSEP; Profil der Referenzstadt (z.B. Stadt in Zahlen, Bildern und Selbstbeschreibungen); Stärken-Schwächen-Analyse der Referenzstadt (SWOT); Evaluation der Entwicklungsplanung der Referenzstadt; Vision und Leitbild für einen strategischen Stadtentwicklungsplan; Maßnahmen und Projekte für die Zukunft. Die Themen werden in Gruppen bzw. Einzelprojekte bearbeitet und schließlich zu einem kohärenten strategischen Stadtentwicklungsplan integriert. Ziel ist es, eine realitätstüchtige Expertise zu erstellen. |
| Registration | elke.hochmuth@uni-due.de |

Link LSF: <https://www.lsf.uni-due.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=205002&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

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| Module | 6A: Interdisciplinary Complementary Module - Urban Culture, Society and Space II |
| Veranstaltungsname | 6A.2: Low Carbon Society - Roadmapping for Sustainability Transitions at Local and Regional Level (en) |
| Lecturer | Ralf Schüle, Wuppertal Institut |
| Type of Course | SE/Block |
| Day of the week Time | <u>Block 1</u> : 10.4. (Thur); 9.30 - 12.00am <u>Block 2</u> : 8.5. (Thur) ;9.30 - 12.00am <u>Block 3</u> : 26.6. (Thur); 9.00 - 5pm <u>Block 4</u> : 3.7. (Thur); 9.00 - 5pm |
| Campus Room | Campus Essen Consult LSF |
| Credits | 5 |
| Hours/per week (SWS) | 2 |
| Language | Englisch |
| Description/ Kommentar | Many European member states have committed to very ambitious emission reduction targets until the year 2050. In this regard, the question occurs what structural technological, political and institutional conditions are required in order to improve climate action in different types of urban settlements. Currently, cities and regions are experiencing far-reaching socio-economic transformations (e.g. economic, structural, demographical as well as social change) that need to be adjusted and managed towards a more sustainable climate action. Against this background, the seminar will address the current challenges and perspectives of modern climate and energy policy at local and/or regional levels. It will convey an overview of opportunities and boundaries of ambitious climate action programmes and will identify interlinkages and potential contradictions to other relevant fields of governance at the local level. Furthermore, it will address functions and interest constellations of different public and private agents in national multilevel governance systems. Starting with a German background and depending on the interest of the seminar participants, the seminar will also analyse local conditions for ambitious climate policies in other OECD and/or non-OECD countries. |
| Registration | elke.hochmuth@uni-due.de |

Link LSF: <https://www.lsf.uni-due.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=210652&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

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| Module | 6A: Interdisciplinary Complementary Module - Urban Culture, Society and Space II |
| Veranstaltungsname | 6A.3: Urban Imaginaries (en) |
| Dozent/in | Gurr |
| Veranstaltungsart | Seminar/Block |
| Wochentag | 1.4.2014 – 4.4.2014 |
| Uhrzeit | 10am – 4pm |
| Campus | Campus Essen |
| Raum | Consult LSF |
| Credits | 5 |
| SWS | 2 |
| Sprache | English |
| Description/ Kommentar | <p>This seminar will engage with key theoretical issues as well as with a broad range of representations of the city. The first part of the course will engage with key theoretical issues in the study of urban representations (functions of urban imaginaries, the role of imaginaries in the perception of cities, approaches in urban literary and cultural studies, problems of representation, questions of mediality). In the second part of the semester, we will discuss poetic as well as narrative representations, ranging from Swift, Gay and Pope in the 18th century via Wordsworth, Hazlitt, Shelley and other Romantics, Matthew Arnold, Charles Dickens and other Victorian writers, classic 20th-century texts such as Joyce's <i>Ulysses</i>, Eliot's <i>Waste Land</i>, Dos Passos' <i>Manhattan Transfer</i> all the way to recent experimental fiction. Depending on the interests of the participants, other media and genres (graphic novels, film, multimedia, computer games ...) can also be considered. The selection of texts can be agreed upon in the course.</p> <p>A reader with a first selection of texts will be available in the copy-shop in Reckhammerweg from early March onwards. All participants are to read the first two texts in the reader for the first session.</p> |
| Anmeldung: | jens.gurr@uni-due.de und online |

Link LSF: <https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=227776&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

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| Module | 6A: Interdisciplinary Complementary Module - Urban Culture, Society and Space II |
| Veranstaltungsname | 6A.4: Einführung in Themen der Wirtschaftsförderung in Theorie und Praxis (de) |
| Dozent/in | Wehling und Jochen Fricke, Essener Wirtschaftsförderung |
| Veranstaltungsart | SE/Block |
| Wochentag Uhrzeit | <u>Termin 1:</u> 1.4. (Di) ab 14.00 bis 18.30 Uhr <u>Termin 2:</u> 8.4. (Di) ab 14.00 bis 18.30 Uhr <u>Termin 3:</u> 25.6. (Mi) ab 12.00 bis 18.30 Uhr <u>Termin 4 (Exkursion):</u> 27.6. (Fr) ab 8.00 bis 18.00 Uhr <u>Termin 5 (Exkursion):</u> 28.6. (Sa) ab 8.00 bis 18.00 Uhr |
| Campus Raum | Campus Essen, Schützenbahn Siehe LSF (SM oder SR 102) |
| Credits | 5 |
| SWS | 2 |
| Sprache | Deutsch |
| Beschreibung/Kommentar | In dieser Veranstaltung sollen grundlegende Ziele und Konzepte der kommunalen Wirtschaftsförderung vermittelt werden. Diese werden an ausgewählten Beispielen in der Stadt Essen unter den jeweiligen spezifischen wirtschaftlichen und planerischen Rahmenbedingungen erhoben, analysiert und bewertet. |
| Anmeldung: | hans-werner.wehling@uni-due.de oder elke.hochmuth@uni-due.de |

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[due.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=230197&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung](https://lsf.uni-due.de/lsf/rds?state=verpublish&status=init&vmfile=no&publishid=230197&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung)

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| Module | 6A: Interdisciplinary Complementary Module - Urban Culture, Society and Space II |
| Veranstaltungsname | 6A.5: Stadtquartiere im Wandel: Zwischen Aufwertung und Gentrifizierung (de) |
| Dozent/in | Kristina Schulz |
| Veranstaltungsart | Seminar/Block |
| Wochentag Uhrzeit | Blocks: <u>Meeting 1:</u> 18.3. (Tue) 2pm – 4pm <u>Meeting 2:</u> 11.4. (Fr) 9.00 am– 5pm <u>Meeting 3:</u> 9.5. (Fr) 9.00am – 5pm <u>Meeting 4:</u> 13.6. (Fr) 9.00 – 5pm <u>Meeting 5 (excursion):</u> 14.6. (Sa). 9.00am – 5pm |
| Campus Raum | Campus Essen Siehe Link im LSF |
| Credits | 5 |
| Sprache | Deutsch |
| Description/ Kommentar | Die geographisch-sozialwissenschaftliche Forschung über Prozesse und Dynamiken in Stadtquartieren erfreut sich in den letzten Jahren neuer Popularität. Gleichzeitig wird das Quartier als lokale Handlungsebene auch bei Stadtplanern immer bedeutsamer. Im Rahmen des Seminars soll durch die Inblicknahme von kleinräumigen Stadtquartieren und den in ihnen ablaufenden Dynamiken des Wandels, der Aufwertung und der Gentrifizierung ein Verständnis für lokale Prozesse der Stadtentwicklung und Stadtplanung erlangt werden. Das Seminar gliedert sich in drei inhaltliche Themenblöcke (Block A: Begriffe im Diskurs, Block B: Konzepte eines Quartierswandels, Block C: Die Rolle der Stadtplanung), die von einer abschließenden eintägigen Stadtextkursion ergänzt werden. Zum erfolgreichen Bestehen des Seminars soll nach Abschluss eines Themenblocks durch die Studierenden jeweils ein kurzes „Assignment“ (Aufsatz, ca. 5 Seiten, insgesamt also drei Assignments) sowie zusätzlich ein Exkursionsbericht im Anschluss an die Stadtextkursion angefertigt werden, die dann jeweils zu 25% in die Endnote einfließen. |
| Anmeldung: | elke.hochmuth@uni-due.de |

Link LSF: Auftakt: <https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung&veranstaltung.veranstid=230142&purge=y&topitem=lectures&subitem=editlecture&asi=ZI.FKFJTr6NAw.ocV1L4>

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| Module | 6A: Interdisciplinary Complementary Module - Urban Culture, Society and Space II |
| Veranstaltungsname | 6A.6: Geographische Immobilienmarktforschung im städtischen Raum (de) |
| Dozent/in | Juchelka |
| Veranstaltungsart | SE/Block |
| Wochentag Uhrzeit | <u>Meeting 1 (Kick-off):</u> 28.4. (Mo) 11am – 12 am <u>Block:</u> 23.7. (We) and 24.7. (Thur): 10am – 5pm |
| Campus Raum | Campus Essen, Schützenbahn Consult LSF |
| Credits | 5 |
| SWS | 2 |
| Sprache | Deutsch |
| Description/ Kommentar | k.A. |
| Anmeldung: | rudolf.juchelka@uni-due.de |

Link LSF: <https://campus.uni-duisburg-essen.de/lfs/rds?state=verpublish&status=init&vmfile=no&publishid=230207&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung>

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; width: fit-content; margin: 10px auto;"> 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 | | |