

Modulhandbuch für den Studiengang Urban Design - Revitalization of Historic City Districts (universitäres Profil), Doppelabschluss, Master of Science, Prüfungsordnung 2019

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Theory, Research and Reflection

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Urban Development (Cairo University)

Theory, Research and Reflection

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Theory, Research and Reflection

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Module 11394 Master Thesis

assign to: Total Account

Study programme Urban Design - Revitalization of Historic City Districts

Degree	Module Number	Module Form
Master of Science	11394	Mandatory

Modul Title	Master Thesis
	Master-Arbeit
Department	Faculty 6 - Architecture, Civil Engineering and Urban Planning
Responsible Staff Member	Prof. Schmidt, Verena
Language of Teaching / Examination	English
Duration	1 semester
Frequency of Offer	Every summer semester
Credits	30
Learning Outcome	<p>The master thesis in Urban Design – Revitalization of Historic City Districts is supposed to integrate contents of at least two components of the study programme and is to be accompanied by two professors from different Universities of the double master programme. The first supervisor (Professor) must be from the home university. The master thesis is based on applied science and experience and consists if applicable of graphics and models and scientific written explanations. The scientific written part must describe the problem, which should be solved, the goal and the status of planning and research concerning the topic. The concept or strategy of the master thesis must be described in a systematic way. The master thesis must be revisable, traceable, coherent and fulfil the scientific standards.</p> <p>The candidate demonstrates with the master thesis that he/she is scientifically competent, understands the professional knowledge of urban design, has the ability to critically apply and reflect scientific methods and findings and is able to independently design projects and therefore has acquired the fundamental professional knowledge and manual skills to enter the specialist practice.</p>
Contents	<p>The topic of the master thesis is to be defined in consultation with two professors of the master programme. The description of the topic, which must be submitted by the candidate, has to at least contain: cause and objective of the question posed, if possible location and surrounding area, methodology of the solution, scope and kind of performances at least to be effected as well as the schedule for the development. The supervising professors are generally those, who helped to define the topic.</p>

Recommended Prerequisites	none
Mandatory Prerequisites	<p>Applies to the Examination and Study Regulation of 2024:</p> <ul style="list-style-type: none"> • Students who have completed a minimum of 84 credits at the time of registration will be eligible to undertake the Master Thesis. • Students studying the double degree Master's Programme, who have completed a minimum of 60 credits, will be eligible to undertake the Master Thesis. <p>Applies to the Examination and Study Regulation of 2019:</p> <ul style="list-style-type: none"> • Students who have completed a minimum of 90 credits at the time of registration will be eligible to undertake the Master Thesis.
Forms of Teaching and Proportion	<p>Consultation - 40 hours Self organised studies - 860 hours</p>
Teaching Materials and Literature	Dependents on the topic of the project.
Module Examination	Continuous Assessment (MCA)
Assessment Mode for Module Examination	<ul style="list-style-type: none"> • Master Thesis (75%) • Defence (25%) <p>You find the formalities of the Master Thesis in the examination regulations Urban Design and Sustainable Revitalisation 2024 and in the following:</p> <ul style="list-style-type: none"> • The time limit for the Master Thesis is four months (16 weeks). • The binding dates for submission and defence are announced by the examination board. As a rule, the dates (start of work, submission of the thesis, defence) are announce at the preparatory colloquium that takes place in March or September. The Master Thesis must be submitted to the supervisor on time, in duplicate and bound (drawings reduced in size) and also as a data-based version (data carrier); models and objects must be enclosed as images. The time of submission must be documented. • Late, unexcused submission will result in the work not being recognised. • If a late submission is excusable, the defence will be postponed by one cycle to the following semester. • The thesis will be publicly exhibited by the author. • The defence and the announcement of the results of the Master Thesis are public unless the candidate raises an objection. The defence usually takes place within two months after haning in the Thesis. • The Thesis may also be recognised in the form of teamwork if the contribution of the individual candidates is clearly distinguishable and assessable on the basis of the indication of sections, page numbers or other objective criteria that allow a clear delimitation.
Evaluation of Module Examination	Performance Verification – graded
Limited Number of Participants	none

Part of the Study Programme	Master (universitär) / Urban Design and Sustainable Revitalization / Prüfungsordnung 2024 Master (universitär) - Doppelabschluss / Urban Design and Sustainable Revitalization / Prüfungsordnung 2024 Master (universitär) - Doppelabschluss / Urban Design - Revitalization of Historic City Districts / Prüfungsordnung 2019
Remarks	In the event that the module cannot be taught or tested according to the present description (e.g. for reasons of infection protection), the alternatives communicated on relevant platforms (e.g. homepage or Moodle) apply.
Module Components	Submission of the thesis and presentation: The presentation is open to all employees and students of the university.
Components to be offered in the Current Semester	640212 Consultation Master Thesis - Urban Design 640290 Examination Master Thesis Urban Design

Module 11395 Town and House

assign to: Mandatory Modules

Study programme Urban Design - Revitalization of Historic City Districts

Degree	Module Number	Module Form
Master of Science	11395	Mandatory

Modul Title	Town and House Stadt und Haus
Department	Faculty 6 - Architecture, Civil Engineering and Urban Planning
Responsible Staff Member	Prof. Schmidt, Verena
Language of Teaching / Examination	English
Duration	1 semester
Frequency of Offer	Every winter semester
Credits	6
Learning Outcome	<p>After successful completion of the module the students are able to:</p> <ul style="list-style-type: none"> • analyse the interdependencies of the culture of everyday life, urban fabric and house type, write an assignment on basis of literature and on-site investigation, • produce sketches (freehand), • produce scale analysis plans of urban design (scale 1:5000 to 1:500), • produce scale building plans with floor plan, elevation and section, including the use of interior and exterior areas (1:200 to 1:50), • present addition and variation patterns on the city system as well as • type versions and transformations (1:1000 to 1:50), • produce concept models and scale models, • orally present their work. <p>They are able to apply the following techniques target-oriented:</p> <ul style="list-style-type: none"> • Comprehending inter-linked dependencies of different forms of society, culture of everyday life, architecture and city; describing the scope for negotiations between house design as constitutive building block of the city and city design as conditioning pre-setting for the house. Deriving parameters, determining the relation of house type and urban fabric, private and public space, recognising standard types, norms and its variations, transformations. Summary and presentation of the information collected by means of texts and plans. • Independent analysis and interpretation of the urban fabric and its characteristics under consideration of current conditions and standards, interpretation of strategies and design conceptions of • the urban design system in dialogue between house type and urban fabric, variations of house type and addition pattern. Presentation by means of plan and model.

Contents	Urban design in its dependency on the form of society and the culture of everyday life; correlations in the relationship city and house; order principles of urban design and self building processes; historical references and its consequences on the configuration of private and public space, typologies of urban building blocks, genesis of technical norms and standards; consequences of technical and constructive innovations on the urban fabric, forms of appropriation for city and house.
Recommended Prerequisites	none
Mandatory Prerequisites	none
Forms of Teaching and Proportion	Seminar - 4 hours per week per semester Self organised studies - 120 hours
Teaching Materials and Literature	<ul style="list-style-type: none"> • Selected literature will be provided at the beginning of the course.
Module Examination	Continuous Assessment (MCA)
Assessment Mode for Module Examination	<ul style="list-style-type: none"> • assignment 1: scientific writing, summarizing a paper relevant to the subject of the course (20%) • assignment 2: Presentation, 10 minutes including debate (40%) • assignment 3: Submission of a scientific paper about the case-study-based research including illustrations, front page and appendix with sources max. 15 pages A4 (40%)
Evaluation of Module Examination	Performance Verification – graded
Limited Number of Participants	none
Part of the Study Programme	<p>Abschluss im Ausland / Architektur / keine Prüfungsordnung Abschluss im Ausland / Bauingenieurwesen / keine Prüfungsordnung Abschluss im Ausland / Environmental and Resource Management / keine Prüfungsordnung Abschluss im Ausland / Stadtplanung und Städtebau / keine Prüfungsordnung Abschluss im Ausland / Stadt- und Regionalplanung / keine Prüfungsordnung Master (universitär) / Urban Design and Sustainable Revitalization / Prüfungsordnung 2024 Master (universitär) - Doppelabschluss / Urban Design and Sustainable Revitalization / Prüfungsordnung 2024 Master (universitär) - Doppelabschluss / Urban Design - Revitalization of Historic City Districts / Prüfungsordnung 2019 Abschluss im Ausland / World Heritage Studies / keine Prüfungsordnung</p>
Remarks	In the event that the module cannot be taught or tested according to the present description (e.g. for reasons of infection protection), the alternatives communicated on relevant platforms (e.g. homepage or Moodle) apply.
Module Components	<ul style="list-style-type: none"> • Seminar Urban Seminar

**Components to be offered in the
Current Semester**

No assignment

Module 11391 Experimental Urban Design

assign to: Compulsory Elective Modules

Study programme Urban Design - Revitalization of Historic City Districts

Degree	Module Number	Module Form
Master of Science	11391	Compulsory elective

Modul Title	Experimental Urban Design Experimenteller Städtebau
Department	Faculty 6 - Architecture, Civil Engineering and Urban Planning
Responsible Staff Member	Prof. Schmidt, Verena
Language of Teaching / Examination	English
Duration	1 semester
Frequency of Offer	Every winter semester
Credits	6
Learning Outcome	<p>After successful completion of the module the students (manual skills and abilities):</p> <ul style="list-style-type: none"> • know how to analyse the selected forms of the city according to plan material characterised by the relation of city and house, city and space, city and urbanity, city and infrastructure • know how to analyse the the selected area by means of images, behaviour description, script, movie etc. • are able to work with theoretical urban reflections: basics of analysing statements on the city (texts, conversations, interviews etc.), perceive and critically assess the content • are able to characterize different forms of the city and can compare and critically look at these by interpreting the different analyses • use their ability to judge as basis to develop own ideas
Contents	<p>The seminar highlights recent topics in the field of experimental urban design. Spatial, sociocultural, ecological and economic conditions are taken into account. Based on concrete urban situations and best practice projects, students are sensitized to architectural and urban planning aspects (urban structures, relationships between buildings and urban spaces, address formation, etc.). Research, analysis and design methods as well as presentation techniques are taught in exercises that build on one another. Through varied formats and media (literature, drawings, models, photographs, videos, etc.) creative processes are initiated and conceptual approaches are encouraged.</p>
Recommended Prerequisites	none
Mandatory Prerequisites	none

Forms of Teaching and Proportion	Seminar - 4 hours per week per semester Self organised studies - 120 hours
Teaching Materials and Literature	<ul style="list-style-type: none">• Selected literature will be provided at the beginning of the course.
Module Examination	Continuous Assessment (MCA)
Assessment Mode for Module Examination	<ul style="list-style-type: none">• Submission of a project documentation with textual and pictorial explanations including scientific evidence, max. 25 A4 pages (50%)• Presentation including discussion, ca. 30 min. (50%)
Evaluation of Module Examination	Performance Verification – graded
Limited Number of Participants	none
Part of the Study Programme	Abschluss im Ausland / Architektur / keine Prüfungsordnung Abschluss im Ausland / Bauingenieurwesen / keine Prüfungsordnung Abschluss im Ausland / Stadt- und Regionalplanung / keine Prüfungsordnung Master (universitär) / Stadt- und Regionalplanung / Prüfungsordnung 2023 Master (universitär) / Urban Design and Sustainable Revitalization / Prüfungsordnung 2024 Master (universitär) - Doppelabschluss / Urban Design - Revitalization of Historic City Districts / Prüfungsordnung 2019
Remarks	In the event that the module cannot be taught or tested according to the present description (e.g. for reasons of infection protection), the alternatives communicated on relevant platforms (e.g. homepage or Moodle) apply.
Module Components	Participation at one of the seminars offered
Components to be offered in the Current Semester	No assignment

Module 11393 Landscape Planning and Public Space Design

assign to: Compulsory Elective Modules

Study programme Urban Design - Revitalization of Historic City Districts

Degree	Module Number	Module Form
Master of Science	11393	Compulsory elective

Modul Title	Landscape Planning and Public Space Design Landschaftsplanung und Freiraumgestaltung
Department	Faculty 6 - Architecture, Civil Engineering and Urban Planning
Responsible Staff Member	Prof. Dipl.-Ing. Lundqvist, Anna
Language of Teaching / Examination	English
Duration	1 semester
Frequency of Offer	Every winter semester
Credits	6
Learning Outcome	At the end of the module the student are able to: <ul style="list-style-type: none"> • survey of several existent open space projects on urban site • research of literature as well as research on-site • write a report including analysis maps (topic dependent: scale 1:1000 - 1:200), describe graphics and photos • hold oral presentation, comparative discussion • interpret and abstract analysis results in terms of open space instruments and superior design aspects • apply acquired repertoire to one or several conceptual design situations
Contents	<ul style="list-style-type: none"> • Analytical exposure to landscape architecture in the context of existent built structures • Survey of design instruments and qualities of precise objects • Aim-oriented examination of deficiencies and potentials as well as the social, historical or cultural background of the project • Appropriate development of ideas for specific situations in different scales • Implementation in an adequate illustration
Recommended Prerequisites	none
Mandatory Prerequisites	none
Forms of Teaching and Proportion	Study project - 4 hours per week per semester Self organised studies - 120 hours
Teaching Materials and Literature	<ul style="list-style-type: none"> • Curdes, Gerhard: Stadtstrukturelles Entwerfen, Stuttgart 1994

- Ermer, Klaus; Hoff, Renate; Mohrmann, Rita: Landschaftsplanung in der Stadt, Stuttgart 1996
- Loidl, Hans; Bernard, Stefan: Freiraumgestaltung, ...2004
- Mader, Günter; Neubert-Mader, Laila: Bäume, Gestaltungsmittel in Garten, Landschaft und Städtebau, Stuttgart 1996
- Mader, Günter: Freiraumplanung, Hausgärten, Grünanlagen, Stadtlandschaften, München 2004
- Norberg-Schulz, Christian: Genius Loci, Stuttgart 1982
- Treib, Marc: Modern Landscape Architecture, Cambridge MA, 1993
- Städtebauliches Institut Stuttgart: Lehrbausteine Städtebau, Stuttgart, 2001
- Valena, Tomás: Beziehungen – über den Ortsbezug der Architektur, Berlin 1994
- Quod vide monographs and edited volumes to contemporary works by international landscape architects, chair library, bibliography and professional journals

Module Examination

Continuous Assessment (MCA)

Assessment Mode for Module Examination

- assignment 1: analysis, presentation and discussion
theme: description of one typology of urban open spaces (20 %)
slides presentation with images, text and documents, 10 minutes including debate and reader in qualified layout.
- assignment 2: graphic analysis and urban mapping - presentation and discussion
theme: analysis of an open urban space within the urban design project – urban mapping (30 %)
presentation with drawings, collages, sketches, 10 minutes, including debate
- assignment 3: design and development of an urban open space, presentation and discussion, in cooperation with the urban design project (50 %)
presentation with drawings 10 minutes, including debate

Evaluation of Module Examination

Performance Verification – graded

Limited Number of Participants

none

Part of the Study Programme

Abschluss im Ausland / Architektur / keine Prüfungsordnung
Abschluss im Ausland / Environmental and Resource Management / keine Prüfungsordnung
Master (universitär) / Stadtplanung / Prüfungsordnung 2019
Abschluss im Ausland / Stadtplanung und Städtebau / keine Prüfungsordnung
Abschluss im Ausland / Stadt- und Regionalplanung / keine Prüfungsordnung
Master (universitär) / Stadt- und Regionalplanung / Prüfungsordnung 2017
Master (universitär) - Doppelabschluss / Urban Design - Revitalization of Historic City Districts / Prüfungsordnung 2019
Abschluss im Ausland / World Heritage Studies / keine Prüfungsordnung

Remarks

In the event that the module cannot be taught or tested according to the present description (e.g. for reasons of infection protection), the alternatives communicated on relevant platforms (e.g. homepage or Moodle) apply.

Module Components

- Study project Landscape Planning and Public Space Design

**Components to be offered in the
Current Semester**

No assignment

Module 13810 International Building and Planning Law

assign to: Compulsory Elective Modules

Study programme Urban Design - Revitalization of Historic City Districts

Degree	Module Number	Module Form
Master of Science	13810	Compulsory elective

Modul Title	International Building and Planning Law Internationales Bau- und Planungsrecht
Department	Faculty 6 - Architecture, Civil Engineering and Urban Planning
Responsible Staff Member	Prof. Dr.-Ing. Weyrauch, Bernhard
Language of Teaching / Examination	English
Duration	1 semester
Frequency of Offer	Each winter semester even year
Credits	6
Learning Outcome	Foreign operations and cooperation with foreign partners and companies are increasingly gaining importance. The participants are able to become familiar with the respective national building regulations. They know the legal bases, which are relevant for their plans and drafts, to act for foreign clients. The participants gain more knowledge about the fundamental problems of international contract law.
Contents	The modul gives an insight into the international field of work of planners and architects. The focus is on the comparison of national planning laws and building regulations of different states. The students gain basic knowledge for working abroad by giving them insight into different legal systems and planning systems. They are able to handle with divergent legislation and national standards. Other topics are developments in European law as well as European directives and requirements, which are important for planning and construction.
Recommended Prerequisites	knowledge of English
Mandatory Prerequisites	No successful participation in module <i>21501 Internationales Bau- und Planungsrecht</i> .
Forms of Teaching and Proportion	Seminar - 4 hours per week per semester Self organised studies - 120 hours
Teaching Materials and Literature	<ul style="list-style-type: none"> • Specific literature • Legal texts • Current online-information • further literature recommendations at the beginning of the semester

Module Examination	Continuous Assessment (MCA)
Assessment Mode for Module Examination	<ul style="list-style-type: none">• Lecture with poster and written statment (approx. 5 pages) (80%)• Active participation in the seminar event (20%)“
Evaluation of Module Examination	Performance Verification – graded
Limited Number of Participants	50
Part of the Study Programme	Master (universitär) / Architektur / Prüfungsordnung 2022 Master (universitär) - Doppelabschluss / Architektur / Prüfungsordnung 2022 Master (universitär) / Stadt- und Regionalplanung / Prüfungsordnung 2023 Master (universitär) / Urban Design and Sustainable Revitalization / Prüfungsordnung 2024 Master (universitär) - Doppelabschluss / Urban Design and Sustainable Revitalization / Prüfungsordnung 2024 Master (universitär) - Doppelabschluss / Urban Design - Revitalization of Historic City Districts / Prüfungsordnung 2019
Remarks	In the event that the module cannot be taught or tested according to the present description (e.g. for reasons of infection protection), the alternatives communicated on relevant platforms (e.g. homepage or Moodle) apply. Attempted fraud of a (partial) service inevitably leads to Failing the entire module.
Module Components	Seminar „International Building and Planning Law“
Components to be offered in the Current Semester	No assignment

Module 25106 Conservation / Building in Existing Fabric

assign to: Compulsory Elective Modules

Study programme Urban Design - Revitalization of Historic City Districts

Degree	Module Number	Module Form
Master of Science	25106	Compulsory elective

Modul Title	Conservation / Building in Existing Fabric
	Rekonstruktion und Erhaltungsarbeiten / Neubau im Bestand
Department	Faculty 6 - Architecture, Civil Engineering and Urban Planning
Responsible Staff Member	Prof. Dr. phil. habil. Blokker, Johanna
Language of Teaching / Examination	English
Duration	1 semester
Frequency of Offer	Every winter semester
Credits	6
Learning Outcome	Upon completion of the module, students are able to understand key aspects of the history and theory of architectural conservation and heritage, including its conceptual foundations and core issues, and can apply this knowledge to unfamiliar situations across a range of temporal and cultural contexts. They are able to evaluate the role played by historic buildings and ensembles as well as other tangible and intangible artefacts of the past in social, political and cultural processes both past and present. They can create strategies for assessing the significance of buildings, ensembles and artefacts, for conserving their tangible and intangible values, and for communicating knowledge about them both to specialists from neighbouring fields and to a wider public.
Contents	The history and theory of architectural conservation from Antiquity to the present as well as the development of the concept of heritage in the 20 th and 21 st centuries constitute the primary focus of the module. The role played by historic buildings, ensembles and sites as well as other tangible and intangible artefacts of the past in social, political and cultural processes is discussed. Contemporary international discourses on significance are introduced together with methods for its assessment, preservation and communication that draw on a range of approaches from the humanities and the social sciences. Current challenges in conservation practice such as the management of change are examined in relation to developments in the fields of architectural design and urban planning and against the background of growing concerns for environmental protection and human rights
Recommended Prerequisites	none

Mandatory Prerequisites	No double occupancy with Module 13676 - <i>Denkmalpflege</i> .
Forms of Teaching and Proportion	Lecture - 4 hours per week per semester Self organised studies - 120 hours
Teaching Materials and Literature	A list of current and relevant literature is provided in the lecture at the beginning of the semester.
Module Examination	Final Module Examination (MAP)
Assessment Mode for Module Examination	Written examination, graded – 90 mins
Evaluation of Module Examination	Performance Verification – graded
Limited Number of Participants	none
Part of the Study Programme	<p>Master (universitär) / Angewandte Mathematik / Prüfungsordnung 2008 Master (universitär) / Angewandte Mathematik / Prüfungsordnung 2019 Bachelor (universitär) / Angewandte Naturwissenschaften / Prüfungsordnung 2024 Abschluss im Ausland / Architektur / keine Prüfungsordnung Bachelor (universitär) / Architektur / Prüfungsordnung 2014 Bachelor (universitär) - Doppelabschluss / Architektur / Prüfungsordnung 2014 Master (universitär) - Doppelabschluss / Architektur / Prüfungsordnung 2022 Master (universitär) / Artificial Intelligence / Prüfungsordnung 2022 Abschluss im Ausland / Bauingenieurwesen / keine Prüfungsordnung Bachelor (universitär) - erweiterte Fachsemester / Bauingenieurwesen / Prüfungsordnung 2017 Bachelor (universitär) / Bauingenieurwesen / Prüfungsordnung 2017 Bachelor (universitär) / Bauingenieurwesen / Prüfungsordnung 2022 Bachelor (universitär) - erweiterte Fachsemester / Bauingenieurwesen / Prüfungsordnung 2022 Bachelor (universitär) - Duales Studium, ausbildungsintegrierend / Bauingenieurwesen - dual / Prüfungsordnung 2017 Bachelor (universitär) - Duales Studium, ausbildungsintegrierend / Bauingenieurwesen - dual / Prüfungsordnung 2022 Bachelor (universitär) - Duales Studium, praxisintegrierend / Bauingenieurwesen - dual / Prüfungsordnung 2022 Abschluss im Ausland / Betriebswirtschaftslehre / keine Prüfungsordnung Bachelor (fachhochschulisch) / Betriebswirtschaftslehre / Prüfungsordnung 2017 Bachelor (universitär) / Betriebswirtschaftslehre / Prüfungsordnung 2017 Bachelor (universitär) / Betriebswirtschaftslehre / Prüfungsordnung 2024 Master (universitär) / Betriebswirtschaftslehre / Prüfungsordnung 2017 Bachelor (fachhochschulisch) - Duales Studium, praxisintegrierend / Betriebswirtschaftslehre - dual / Prüfungsordnung 2019 Bachelor (universitär) - Duales Studium, praxisintegrierend / Betriebswirtschaftslehre - dual / Prüfungsordnung 2024 Bachelor (fachhochschulisch) / Biotechnologie / Prüfungsordnung 2018</p>

Master (fachhochschulisch) / Biotechnology / Prüfungsordnung 2018
Master (fachhochschulisch) - erweiterte Fachsemester / Biotechnology /
Prüfungsordnung 2018
Master (universitär) / Cyber Security / Prüfungsordnung 2017
Bachelor (universitär) / Digitale Gesellschaft / Prüfungsordnung 2022
Bachelor (universitär) / eBusiness / Prüfungsordnung 2007
Master (universitär) / eBusiness / Prüfungsordnung 2007
Bachelor (fachhochschulisch) / Elektrotechnik / Prüfungsordnung 2018
Bachelor (universitär) / Elektrotechnik / Prüfungsordnung 2014
Bachelor (universitär) / Elektrotechnik / Prüfungsordnung 2019
Bachelor (universitär) / Elektrotechnik / Prüfungsordnung 2022
Master (fachhochschulisch) / Elektrotechnik / Prüfungsordnung 2018
Master (fachhochschulisch) - erweiterte Fachsemester / Elektrotechnik /
Prüfungsordnung 2018
Master (universitär) / Elektrotechnik / Prüfungsordnung 2014
Master (universitär) / Elektrotechnik / Prüfungsordnung 2019
Master (universitär) / Elektrotechnik / Prüfungsordnung 2023
Bachelor (fachhochschulisch) - Duales Studium,
ausbildungsintegrierend / Elektrotechnik - dual / Prüfungsordnung 2018
Bachelor (fachhochschulisch) - Duales Studium, praxisintegrierend /
Elektrotechnik - dual / Prüfungsordnung 2018
Bachelor (universitär) - Duales Studium, ausbildungsintegrierend /
Elektrotechnik - dual / Prüfungsordnung 2022
Bachelor (universitär) - Duales Studium, praxisintegrierend /
Elektrotechnik - dual / Prüfungsordnung 2022
Bachelor (universitär) / Energietechnik und Energiewirtschaft /
Prüfungsordnung 2021
Master (universitär) / Energietechnik und Energiewirtschaft /
Prüfungsordnung 2021
Abschluss im Ausland / Environmental and Resource Management /
keine Prüfungsordnung
Bachelor (fachhochschulisch) / Hebammenwissenschaft /
Prüfungsordnung 2021
Bachelor (fachhochschulisch) - Duales Studium,
ausbildungsintegrierend / Hebammenwissenschaft / Prüfungsordnung
2021
Master (universitär) / Hybrid Electric Propulsion Technology /
Prüfungsordnung 2024
Bachelor (universitär) / Informatik / Prüfungsordnung 2008
Master (universitär) / Informatik / Prüfungsordnung 2008
Bachelor (universitär) / Informations- und Medientechnik /
Prüfungsordnung 2017
Bachelor (fachhochschulisch) / Instrumental- und Gesangspädagogik /
Prüfungsordnung 2019
Master (universitär) / Klimagerechtes Bauen und Betreiben /
Prüfungsordnung 2018
Bachelor (universitär) / Kultur und Technik / Prüfungsordnung 2017
Master (universitär) / Kultur und Technik / Prüfungsordnung 2017
Bachelor (universitär) / Künstliche Intelligenz / Prüfungsordnung 2022
Bachelor (universitär) / Künstliche Intelligenz Technologie /
Prüfungsordnung 2022
Master (universitär) / Künstliche Intelligenz Technologie /
Prüfungsordnung 2022

Bachelor (universitär) / Landnutzung und Wasserbewirtschaftung /
Prüfungsordnung 2017
Master (universitär) / Landnutzung und Wasserbewirtschaftung /
Prüfungsordnung 2018
LA Bachelor Grundstufe/Primarstufe / Lehramt Primarstufe /
Prüfungsordnung 2023
Master (universitär) / Leichtbau und Werkstofftechnologie /
Prüfungsordnung 2023
Master - Duales Studium, praxisintegrierend / Leichtbau und
Werkstofftechnologie - dual / Prüfungsordnung 2023
Bachelor (fachhochschulisch) / Maschinenbau / Prüfungsordnung 2018
Bachelor (universitär) / Maschinenbau / Prüfungsordnung 2006
Bachelor (universitär) / Maschinenbau / Prüfungsordnung 2021
Master (fachhochschulisch) / Maschinenbau / Prüfungsordnung 2018
Master (fachhochschulisch) - erweiterte Fachsemester / Maschinenbau /
Prüfungsordnung 2018
Master (universitär) / Maschinenbau / Prüfungsordnung 2006
Master (universitär) / Maschinenbau / Prüfungsordnung 2023
Master (universitär) - verringerte Fachsemester / Maschinenbau /
Prüfungsordnung 2023
Bachelor (fachhochschulisch) - Duales Studium, praxisintegrierend /
Maschinenbau - dual / Prüfungsordnung 2018
Bachelor (universitär) - Duales Studium, ausbildungsintegrierend /
Maschinenbau - dual / Prüfungsordnung 2021
Bachelor (universitär) - Duales Studium, praxisintegrierend /
Maschinenbau - dual / Prüfungsordnung 2021
Master - Duales Studium, praxisintegrierend / Maschinenbau - dual /
Prüfungsordnung 2023
Bachelor (universitär) / Materialchemie / Prüfungsordnung 2018
Master (universitär) / Materialchemie / Prüfungsordnung 2018
Bachelor (universitär) / Mathematik / Prüfungsordnung 2023
Bachelor (universitär) - Duales Studium, praxisintegrierend / Mathematik
- dual / Prüfungsordnung 2023
Abschluss im Ausland / Medizininformatik / keine Prüfungsordnung
Bachelor (universitär) / Medizininformatik / Prüfungsordnung 2016
Bachelor (universitär) / Medizintechnik / Prüfungsordnung 2022
Bachelor (universitär) - Duales Studium, praxisintegrierend /
Medizintechnik - dual / Prüfungsordnung 2022
Master (universitär) / Micro- and Nanoelectronics / Prüfungsordnung
2024
Bachelor (fachhochschulisch) / Pflegewissenschaft / Prüfungsordnung
2017
Bachelor (fachhochschulisch) / Pflegewissenschaft / Prüfungsordnung
2020
Bachelor (fachhochschulisch) - Duales Studium,
ausbildungsintegrierend / Pflegewissenschaft / Prüfungsordnung 2020
Master (universitär) / Physics / Prüfungsordnung 2021
Bachelor (universitär) / Physik / Prüfungsordnung 2021
Master (universitär) / Physik / Prüfungsordnung 2018
Master (universitär) / Power Engineering / Prüfungsordnung 2016
Bachelor (fachhochschulisch) / Soziale Arbeit / Prüfungsordnung 2018
Bachelor (fachhochschulisch) / Soziale Arbeit / Prüfungsordnung 2020

Bachelor (fachhochschulisch) - Doppelabschluss / Soziale Arbeit / Prüfungsordnung 2020
Master (fachhochschulisch) / Soziale Arbeit / Prüfungsordnung 2018
Master (fachhochschulisch) / Soziale Arbeit / Prüfungsordnung 2020
Bachelor (universitär) / Städtebau und Stadtplanung / Prüfungsordnung 2019
Abschluss im Ausland / Stadtplanung und Städtebau / keine Prüfungsordnung
Abschluss im Ausland / Stadt- und Regionalplanung / keine Prüfungsordnung
Bachelor (universitär) / Stadt- und Regionalplanung / Prüfungsordnung 2016
Bachelor (fachhochschulisch) / Therapiewissenschaften / Prüfungsordnung 2017
Master (universitär) / Transformation Studies / Prüfungsordnung 2024
Bachelor (universitär) / Umweltingenieurwesen / Prüfungsordnung 2006
Bachelor (universitär) / Umweltingenieurwesen / Prüfungsordnung 2021
Master (universitär) / Umweltingenieurwesen / Prüfungsordnung 2012
Master (universitär) / Umweltingenieurwesen / Prüfungsordnung 2021
Master (universitär) / Urban Design and Sustainable Revitalization / Prüfungsordnung 2024
Master (universitär) - Doppelabschluss / Urban Design and Sustainable Revitalization / Prüfungsordnung 2024
Master (universitär) - Doppelabschluss / Urban Design - Revitalization of Historic City Districts / Prüfungsordnung 2019
Bachelor (universitär) / Wirtschaftsinformatik / Prüfungsordnung 2024
Bachelor (fachhochschulisch) / Wirtschaftsingenieurwesen / Prüfungsordnung 2018
Bachelor (universitär) / Wirtschaftsingenieurwesen / Prüfungsordnung 2008
Bachelor (universitär) / Wirtschaftsingenieurwesen / Prüfungsordnung 2019
Bachelor (universitär) / Wirtschaftsingenieurwesen / Prüfungsordnung 2023
Master (fachhochschulisch) / Wirtschaftsingenieurwesen / Prüfungsordnung 2018
Master (fachhochschulisch) - erweiterte Fachsemester / Wirtschaftsingenieurwesen / Prüfungsordnung 2018
Master (universitär) / Wirtschaftsingenieurwesen / Prüfungsordnung 2008
Master (universitär) / Wirtschaftsingenieurwesen / Prüfungsordnung 2019
Bachelor (fachhochschulisch) - Duales Studium, ausbildungsintegrierend / Wirtschaftsingenieurwesen - dual / Prüfungsordnung 2018
Bachelor (fachhochschulisch) - Duales Studium, praxisintegrierend / Wirtschaftsingenieurwesen - dual / Prüfungsordnung 2018
Bachelor (universitär) - Duales Studium, ausbildungsintegrierend / Wirtschaftsingenieurwesen - dual / Prüfungsordnung 2023
Bachelor (universitär) - Duales Studium, praxisintegrierend / Wirtschaftsingenieurwesen - dual / Prüfungsordnung 2023
Bachelor (universitär) / Wirtschaftsmathematik / Prüfungsordnung 2007
Bachelor (universitär) / Wirtschaftsmathematik / Prüfungsordnung 2023

Bachelor (universitär) - Duales Studium, praxisintegrierend /
Wirtschaftsmathematik - dual / Prüfungsordnung 2023
Abschluss im Ausland / World Heritage Studies / keine Prüfungsordnung
Master (universitär) / World Heritage Studies / Prüfungsordnung 2008
Master (universitär) - Doppelabschluss / World Heritage Studies /
Prüfungsordnung 2008
Master (universitär) - Doppelabschluss / World Heritage Studies /
Prüfungsordnung 2021

Remarks

In the case that teaching and evaluation methods cannot take place as previously established (due to Corona or similar situations), alternative teaching formats and assessment methods will be announced on the respective homepages of the respective chair, or on the moodle platform.

In the event that the module cannot be taught or tested according to the present description (e.g. for reasons of infection protection), the alternatives communicated on relevant platforms (e.g. homepage or Moodle) apply.

Module Components

- Lecture Architectural Conservation – Heritage in Context
- Examination Architectural Conservation – Heritage in Context

**Components to be offered in the
Current Semester**

No assignment

Module 11392 Urban Design and Rehabilitation Project

assign to: Project

Study programme Urban Design - Revitalization of Historic City Districts

Degree	Module Number	Module Form
Master of Science	11392	Mandatory

Modul Title	Urban Design and Rehabilitation Project Städtebau und Sanierungsprojekt
Department	Faculty 6 - Architecture, Civil Engineering and Urban Planning
Responsible Staff Member	Prof. Schmidt, Verena
Language of Teaching / Examination	English
Duration	1 semester
Frequency of Offer	Every winter semester
Credits	12
Learning Outcome	<p>At the end of the module the student are able to put the neighbourhood in context of the whole city, to define the specific urban problem and the immanent strengths. They get to know strategies of urban renewal, stock-oriented strategies or development strategies. The students can implement practical exercise and theoretical findings into the design process.</p> <p>The student are also able to:</p> <ul style="list-style-type: none"> • develop a concept for urban space • derive requirements for urban and open space • define potentials to implement a project in different stages • develop a scheme of obligations and opportunities • be confident with the correlations of urban space and building typology • be confident with reasoning and presentation of a project
Contents	<p>On the neighbourhood level the module deals with problems of urban renewal and building stock development or respectively the city extension and new development on conversion areas. In alignment with the city layout building typologies are developed. In a greater area the handling of the city as a complex formation is exercised and urban mechanisms of reacting to urban space interventions are recognised, evaluated and harnessed.</p> <p>Based on the creative analysis of the location the students develop general conditions and an urban programme. The conceptual ideas are developed on basis of the identified strengths, tested in alternatives and weighed against the background of conditions for city production. The conflict-ridden and recursive involvement with the production of city</p>

images versus process-oriented regulation and choice of instruments is deliberate.

Depending on the question the gained structures of urban space are on the architectural scale also transferred to building typologies. Thus architecture is developed that is motivated by urban space and defines the character of urban space pre-settings in an aesthetically meaningful way.

Recommended Prerequisites	none
Mandatory Prerequisites	none
Forms of Teaching and Proportion	Study project - 8 hours per week per semester Short term design project - 4 hours per week per semester Self organised studies - 180 hours
Teaching Materials and Literature	Selected literature will be provided at the beginning of the course.
Module Examination	Continuous Assessment (MCA)
Assessment Mode for Module Examination	<ul style="list-style-type: none"> • assignment 1: 1st intermediate presentation of work progress, with plans (ca. 1 DIN A0) and model, 10 minutes including debate (20%) • assignment 2: 2nd intermediate presentation of work progress, with plans (ca. 3 DIN A0) and model, 10 minutes including debate (30%) • assignment 3: Final presentation of the project with plans (ca. 3 DIN A0) and model, 10 minutes including debate, and submission of the project with plans and photographs of the model (50%)
Evaluation of Module Examination	Performance Verification – graded
Limited Number of Participants	none
Part of the Study Programme	<p>Abschluss im Ausland / Architektur / keine Prüfungsordnung</p> <p>Abschluss im Ausland / Environmental and Resource Management / keine Prüfungsordnung</p> <p>Abschluss im Ausland / Stadtplanung und Städtebau / keine Prüfungsordnung</p> <p>Abschluss im Ausland / Stadt- und Regionalplanung / keine Prüfungsordnung</p> <p>Master (universitär) - Doppelabschluss / Urban Design - Revitalization of Historic City Districts / Prüfungsordnung 2019</p> <p>Abschluss im Ausland / World Heritage Studies / keine Prüfungsordnung</p>
Remarks	In the event that the module cannot be taught or tested according to the present description (e.g. for reasons of infection protection), the alternatives communicated on relevant platforms (e.g. homepage or Moodle) apply.
Module Components	<ul style="list-style-type: none"> • Study project Urban Design and Rehabilitation Project
Components to be offered in the Current Semester	No assignment

Erläuterungen

Das Modulhandbuch bildet als Teil der Prüfungsordnung die Rechtsgrundlage für ein ordnungsgemäßes Studium. Darüber hinaus soll es jedoch auch Orientierung bei der Gestaltung des Studiums geben.

Dieses Modulhandbuch wurde am 09. Januar 2025 automatisch für den Master (universitär) - Doppelabschluss-Studiengang Urban Design - Revitalization of Historic City Districts (universitäres Profil), PO-Version 2019, aus dem Prüfungsverwaltungssystem auf Basis der Prüfungsordnung generiert. Es enthält alle zugeordneten Module einschließlich der ausführlichen Modulbeschreibungen mit Stand vom 09. Januar 2025. Neben der Zusammensetzung aller Veranstaltungen zu einem Modul wird zusätzlich das Veranstaltungsangebot für das jeweils aktuelle Semester gemäß dem Verzeichnis der BTU ausgegeben.

The module catalogue is part of the examination regulation and as such establishes the legal basis for studies according to the rules. Furthermore, it should also give orientation for the organisation of the studies.

This module catalogue was generated automatically by the examination administration system on the base of the examination regulation on the 9 January 2025, for the Master (universitär) - Doppelabschluss of Urban Design - Revitalization of Historic City Districts (research-oriented profile). The examination version is the 2019, Catalogue contains all allocated modules including the detailed module descriptions from 9 January 2025. Apart from the composition of all components of a module, the list of lectures, seminars and events for the current semester according to the catalogue of lectures of the BTU is displayed.