# Brandenburgische Technische Universität Cottbus - Senftenberg Platz der Deutschen Einheit 1, 03046 Cottbus



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

Inhaltsverzeichnis

Iotal Acco	ount	
11394	Master Thesis	. 2
<b>Urban Des</b>	ign and Rehabilitation (BTU Cottbus-Senftenberg)	
Theory, Re	esearch and Reflection	
Mandatory	Modules	
11395	Town and House	. 5
Compulso	ry Elective Modules	
11391	Experimental Urban Design	. 8
11393	Landscape Planning and Public Space Design	10
13810	International Building and Planning Law	13
25106	Conservation / Building in Existing Fabric	15
Project		
11392	Urban Design and Rehabilitation Project	18
Urban Dev	relopment (Cairo University)	
Theory, Re	esearch and Reflection	
Project		
Architectu	re in Historic Context (Alexandria University)	
Theory, Re	esearch and Reflection	
Project		
Friäuterun	nen	21

Stand: 19. Juni 2025 Seite 1 von 21



#### 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 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.

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.

Contents 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.

Stand: 19. Juni 2025 Seite 2 von 21



**Recommended Prerequisites** 

none

**Mandatory Prerequisites** 

#### Applies to the Examination and Study Regulation of 2024:

- 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.

#### Applies to the Examination and Study Regulation of 2019:

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

Consultation - 40 hours

Self organised studies - 860 hours

**Teaching Materials and Literature** 

Dependents on the topic of the project.

**Module Examination** 

Continuous Assessment (MCA)

Assessment Mode for Module Examination

- Master Thesis (75%)
- Defence (25%)

You find the formalities of the Master Thesis in the examination regulations Urban Design and Sustainable Revitalisation 2024 and in the following:

- 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

Stand: 19. Juni 2025 Seite 3 von 21



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** 

No assignment

Stand: 19. Juni 2025 Seite 4 von 21



#### 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

**Learning Outcome** 

After successful completion of the module the students are able to:

- 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.

They are able to apply the following techniques target-oriented:

- 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.

Stand: 19. Juni 2025 Seite 5 von 21



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 • Selected literature will be provided at the beginning of the course.

Module Examination Continuous Assessment (MCA)

Assessment Mode for Module Examination

**Evaluation of Module Examination** 

 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-studybased research including illustrations, front page and appendix with sources max. 15 pages A4 (40%)

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 / 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

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 • Seminar Urban Seminar

Stand: 19. Juni 2025 Seite 6 von 21



Components to be offered in the Current Semester **640213** Seminar Urban Seminar Town and House - 4 Hours per Term **640286** Examination Town and House

Stand: 19. Juni 2025 Seite 7 von 21



# 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

Learning Outcome After successful completion of the module the students (manual skills

and abilities):

• 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 unbanity city and infrastructure.

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 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.

Recommended Prerequisites NONE

Mandatory Prerequisites none

Stand: 19. Juni 2025 Seite 8 von 21



Forms of Teaching and Proportion Seminar - 4 hours per week per semester

Self organised studies - 120 hours

• Selected literature will be provided at the beginning of the course.

Module Examination Continuous Assessment (MCA)

• 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

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

**Limited Number of Participants** 

**Current Semester** 

No assignment

Stand: 19. Juni 2025 Seite 9 von 21



# 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 Faculty 6 - Architecture, Civil Engineering and Urban Planning Department Prof. Dipl.-Ing. Lundqvist, Anna Responsible Staff Member Language of Teaching / Examination English 1 semester **Duration** Frequency of Offer Every winter semester Credits At the end of the module the student are able to: **Learning Outcome** · 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), descripe graphics and photos · hold oral presentation, comparative discussion interprate and abstract analysis results in terms of open space instruments and superior design aspects apply acquired repertoire to one or several conceptual design situations · Analytical exposure to landscape architecture in the context of Contents 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 • Curdes, Gerhard: Stadtstrukturelles Entwerfen, Stuttgart 1994

Stand: 19. Juni 2025 Seite 10 von 21



- 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 und discussion theme: analysis of an open urban space within the urban design project – urban mapping (30 %) presentation with drawings, collages, sketches, 10 minutes, including
- 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) - 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

Stand: 19. Juni 2025 Seite 11 von 21



alternatives communicated on relevant platforms (e.g. homepage or Moodle) apply.

**Module Components** 

Components to be offered in the Current Semester • Study project Landscape Planning and Public Space Design

**640342** Seminar

Landscape Architecture and Public Space Design

Stand: 19. Juni 2025 Seite 12 von 21



# 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 workof 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 Englich

Mandatory Prerequisites No successful participation in module 21501 Internationales Bau- und

Planungsrecht.

Forms of Teaching and Proportion Seminar - 4 hours per week per semester

Self organised studies - 120 hours

Teaching Materials and Literature • Specific literature

Legal texts

Current online-information

• further literature recommendations at the beginning of the semester

Stand: 19. Juni 2025 Seite 13 von 21



Module Examination Continuous Assessment (MCA)

**Assessment Mode for Module** 

Examination

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 Abschluss im Ausland / Architektur / keine Prüfungsordnung

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

Stand: 19. Juni 2025 Seite 14 von 21



# 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, heritage and heritage management, including their 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, ensembles and heritage places 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 and managing 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<sup>th</sup> and 21<sup>st</sup> centuries constitute the primary focus of the module. The role played by historic buildings, ensembles, sites and heritage places 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, management 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.

Stand: 19. Juni 2025 Seite 15 von 21



**Recommended Prerequisites** none

**Mandatory Prerequisites** No double occupancy with Module 13676 - Denkmalpflege.

Forms of Teaching and Proportion Lecture - 4 hours per week per semester

Self organised studies - 120 hours

A list of current and relevant literature is provided in the lecture at the **Teaching Materials and Literature** 

beginning of the semester.

Final Module Examination (MAP) **Module Examination** 

**Assessment Mode for Module** 

**Examination** 

Written examination, graded – 90 mins

**Evaluation of Module Examination** Performance Verification - graded

**Limited Number of Participants** none

Abschluss im Ausland / Architektur / keine Prüfungsordnung Part of the Study Programme

Bachelor (universitär) - Doppelabschluss / Architektur /

Prüfungsordnung 2014

Master (universitär) - Doppelabschluss / Architektur / Prüfungsordnung

2022

Abschluss im Ausland / Bauingenieurwesen / keine Prüfungsordnung

Abschluss im Ausland / Betriebswirtschaftslehre / keine

Prüfungsordnung

Abschluss im Ausland / Environmental and Resource Management /

keine Prüfungsordnung

Master (universitär) / Klimagerechtes Bauen und Betreiben /

Prüfungsordnung 2018

Abschluss im Ausland / Medizininformatik / keine Prüfungsordnung 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

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 Master (universitär) / World Heritage Studies / Prüfungsordnung 2008 Master (universitär) - Doppelabschluss / World Heritage Studies /

Prüfungsordnung 2008

Master (universitär) - Doppelabschluss / World Heritage Studies /

Prüfungsordnung 2021

Stand: 19. Juni 2025 Seite 16 von 21



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

**620401** Lecture

Architectural Conservation - Heritage in Context - 4 Hours per Term

620480 Examination

Architectural Conservation - Heritage in Context

Stand: 19. Juni 2025 Seite 17 von 21



# 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** 

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.

The student are also able to:

- · 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

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.

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

Stand: 19. Juni 2025 Seite 18 von 21



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

- 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 Abschluss im Ausland / Architektur / 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) - 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 Urban Design and Rehabilitation Project

Components to be offered in the Current Semester **640210** Study project
Design Studio Project I/III - 4 Hours per Term

**640285** Examination Design Project

Stand: 19. Juni 2025 Seite 19 von 21



Stand: 19. Juni 2025 Seite 20 von 21



#### 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 19. Juni 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 19. Juni 2025. Neben der Zusammensetzung aller Veranstaltungen zu einem Modul wird zusätzlich das Veranstaltungsangebot für das jeweils aktuelle Semester gemäß dem Veranstaltungsverzeichnis 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 19 June 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 19 June 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.

Stand: 19. Juni 2025 Seite 21 von 21