technische universität
dortmund

MODULE HANDBOOK

B.Sc. Spatial Planning

Version of 16th July, 2025

Department of Spatial Planning

Module overview: Bachelor Spatial Planning

Module	Module title
1	Introduction to Spatial Planning
2	Planning Studio for Beginners (A-project)
3	Advanced Planning Studio (F-project)
4	Urban Design Studio I and II
5	Compulsory Elective Module: Urban Design Studio III
6	Basic Elements of Spatial Planning: Sociology
7	Basic Elements of Spatial Planning: Economics
8	Basic Elements of Spatial Planning: Space, Law and Government
9	Empirical Survey and Analysis Methods
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11	Compulsory Elective Module: Exercise Module
12	Overall Spatial Planning
13	Urban Design and Monument Preservation
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15	Cross-sectional Module: General Planning Theory
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This English-language module handbook is an informal translation of the officially valid German-language Module Handbook. Only the German version is legally binding.

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 1: Introduction to Spatial Planning

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	1 semester	1st semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Introductory phase	Ü (P)	1	1
2	What is spatial planning?	VL (P)	2	2
3	WE practise	Ü (P)	1	1
4	Module examination		2	

2 Course language
German

3 Teaching content
The module provides an introduction to academic studies and the fields of activity in spatial planning. In element 1, students get to know the Department of Spatial Planning and the study conditions. The lecture (element 2) provides an initial insight into the fields of activity of spatial planning through contributions from different subject areas. In the exercise (element 3), the students deepen their understanding of spatial planning tasks and methods by means of individual tasks and examples.

4 Competencies
The module provides an insight into spatial planning and imparts knowledge of central questions, scientific methods and theoretical approaches to spatial planning. The integrated introductory phase promotes the introduction to spatial planning studies and the formation of social contacts at the beginning of the course. In addition to imparting knowledge, the lectures and tutorials also promote an understanding of spatial planning issues and illustrate the benefits of interdisciplinary approaches. The outlook on the content of the degree course provides orientation and arouses curiosity about the variety of topics in spatial planning. In the exercise, the basics of (spatial) scientific and spatial planning work are taught and practiced through individual work.

5 Examinations
Module examination (ungraded)
1 item of coursework (ungraded) in element 3

6 Examination forms and assessed performance
Module examination: Student research project (essay of 1,000 words)
Coursework: Written peer reviews

7 Participation requirements
none

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Schramm

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 2: Planning Studio for Beginners (A-project)

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	2 semesters	1st/2nd semester	24	720 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	A-Project Part I	PJ (WP)	10	8
2	Coursework		2	
3	A-Project Part II	PJ (WP)	10	8
4	Module examination		2	

2 Course language
German

3 Teaching content
In the A-project, students learn to work on spatial planning-related problems in a cooperative manner using social science and engineering methods under the guidance of the project supervisor within a specified time frame and to identify possible solutions. The topics of the projects are geared towards current issues in spatial planning and open up opportunities for cooperation with planning practice.

4 Competencies
The project work promotes the self-motivated and independent work of the students through its problem, practice, process and action orientation and develops their ability to act (research-based learning). Due to their scope, the study projects enable the comprehensive processing of problem- and practice-oriented spatial planning issues. Students systematically learn the ability to work scientifically, especially in engineering (including literature research, surveys, scientific writing), on an application-related issue. In addition, students acquire key skills in group work: coordinating the course of the project, presentation, moderation and discussion, taking minutes, consensus building and conflict resolution. At the end of the first semester, students should receive feedback on their performance.

5 Examinations
Module examination (ungraded)
3 items of coursework (ungraded)

6 Examination forms and assessed performance
Module examination: Final report and defense
Coursework A: Synopsis
Coursework B: Interim report
Coursework C: Interim presentation, poster and abstract as part of Studio Fair
The A-project is usually completed by 13 students working in groups. The project wiki of the Study and Project Center provides information and recommendations for project work.

7 Participation requirements
none

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Frank

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 3: Advanced Planning Studio (F-project)

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	2 semesters	5th/6th semester	24	720 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	F-Project Part I	PJ (WP)	10	8
2	Coursework		2	
3	F-Project Part II	PJ (WP)	10	8
4	Module examination		2	

2 Course language
German/English

3 Teaching content
In the F-project, students learn to work on complex spatial problems using social science and engineering methods in a cooperative manner within a given time frame and to identify possible solutions. The topics of the projects are based on current issues in spatial planning and open up opportunities for cooperation with practitioners.

4 Competencies
The project work promotes the self-motivated and independent work of the students through its problem, practice, process and action orientation and develops their ability to act (research-based learning). The F-projects enable students to work on more complex and extensive spatial planning issues, allow them to deepen their subject knowledge and focus on analysis-based and conceptual work. In the process, the skills of working scientifically, especially in engineering (including literature research, own surveys, scientific writing) are developed in an application-oriented manner. In addition, students deepen their key skills related to group work: coordinating the course of the project, presentation, moderation and discussion, taking minutes, consensus building and conflict resolution. At the end of the first semester, students should receive feedback on their performance.

5 Examinations
Module examination (graded)
2 items of coursework (ungraded)

6 Examination forms and assessed performance
Module examination: Final report and defense
Coursework A: Synopsis
Coursework B: Intermediate presentation, poster and abstract as part of the Studio Fair
The F-project is usually completed by 13 students working in groups. The project wiki of the Study and Project Center provides information and recommendations for project work.

7 Participation requirements
Successful completion of modules 1, 2, 9 and 12 (to be demonstrated by the time of submission of Coursework A.

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Frank

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 4: Urban Design Studio I and II

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	2 semesters	3rd/4th semester	24	720 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Urban Design Studio I	EW (P)	8	8
2	Technical basis for Urban Design Studio I	VL (P)	2	2
3	Coursework		2	
4	Urban Design Studio II	EW (P)	8	8
5	Technical basis for Urban Design Studio II	VL (P)	2	2
6	Module examination		2	

2 Course language

German

3 Teaching content

Depending on the size of the city, Urban Design Studio I focuses on the spatially integrating level of the city as a whole and its sub-areas or the district and its neighborhoods. The design is subdivided into an analysis of the current situation, development of a guiding principle and framework planning. Building on this, Urban Design Studio II develops in-depth analytical and conceptual capabilities at the neighborhood level, which form the basis for the design plan. This is then translated into a draft development plan. Each semester, the students' own work is accompanied by a lecture on specialist fundamentals, which includes the specialist planning of traffic planning, supply and disposal systems and landscape planning.

4 Competencies

By working in small groups, students acquire engineering skills in dealing with space in the second and third dimensions. They acquire knowledge of the technical usage requirements of different social user groups, synergies and competing uses, as well as the analytical analysis and evaluation of a space and the derivation of conceptual measures. By designing a spatial idea of a location and concept, they acquire knowledge of scale levels and of balancing processes according to a given task. In addition, they acquire skills in planning as a craft and communication element and the associated design qualities.

5 Examinations

Module examination (graded)
Coursework (ungraded)

6 Examination forms and assessed performance

Module examination: Disputation including draft (plans and presentation model)
Three items of coursework in the form of interim colloquia with design presentation (plans and, depending on progress, working model)

- Coursework 1 | Strategy and framework planning: Intermediate colloquium with design presentation
- Coursework 2 | Design planning: Intermediate colloquium with design presentation and working model
- Coursework 3 | Urban land-use planning: Intermediate colloquium with design presentation and updated working model

The draft is created as group work, usually by 4-5 students.

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

7	**Participation requirements** Successful participation in module 10, element 1 (CAD) is recommended.	
8	**Module type and applicability of the module** Compulsory module in the B.Sc. Spatial Planning	
9	**Module supervisor** Othengrafen, Tribble	**Responsible Department** Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 5: Compulsory Elective Module: Urban Design III

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	1 semester	6th-8th semester	8	240 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Urban Design III	EW (P)	4	4
2	Module examination		4	

2 Course language
German

3 Teaching content
The module deepens analytical and conceptual approaches to urban design. The relationships between the framework conditions of a location and the design requirements are examined in more detail at different levels of consideration and transferred into a spatial design concept. The following teaching content in particular is taught and tested on the basis of corresponding engineering design tasks:

- the cultural aspects of sustainable spatial development (building culture),
- the design of a townscape and landscape,
- the methodological, analytical and conceptual foundations of urban renewal
- the process of urban design.

The contents are related to each other in an integrated approach and transferred into spatial urban design concepts.

4 Competencies
The module enables students to practise engineering skills at various scales. In Urban Design III, the theoretical examination of current issues in urban development is translated into a spatial model, an urban design concept and proposals for a corresponding implementation strategy. Students deepen their competence in bringing together the knowledge they have gained about urban development in an integrated form and implementing it in a spatial and design concept.

5 Examinations
Module examination (graded)
Coursework (ungraded)

6 Examination forms and assessed performance
Module examination: Draft incl. disputation
Coursework: Quantity, type and scope are subject- and field-specific
The design is created as group work, usually by 3-4 students.

7 Participation requirements
Successful completion of module 4

8 Module type and applicability of the module
Compulsory elective module in the B.Sc. Spatial Planning, either module 5 or module 11 must be studied.

9 Module supervisor	Responsible Department
Tribble	Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 6: Fundamentals of Spatial Planning: Society

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in summer semester	1 semester	3rd-6th semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Introduction to urban and regional sociology	VL (P)	2	2
2	Spatial gender diversity	VL (P)	2	2
3	Module examination		2	

2 Course language
German

3 Teaching content
The module teaches theoretical concepts and empirical findings on spatial developments from a sociological perspective. Element 1 (Introduction to Urban and Regional Sociology) provides information on theories of spatial social analysis and the interaction of spatial structural developments with social, cultural, political and economic processes. The focus here is on social inequality and social differentiation. Element 2 (Spatial Gender Diversity) provides fundamental insights into the social construction of gender and other categories of social inequality, the role that spaces and planning play in this, as well as the consequences for urban and settlement development. Building on this, strategies for gender- and target group-oriented spatial planning are discussed.

4 Competencies
Students acquire the professional competence to understand theoretical approaches and central questions of urban and regional sociology as well as spatial gender and diversity research and to make these findings fruitful for planning processes.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (120 minutes)

7 Participation requirements
none

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Frank

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	(P)	*Compulsory*	EW	*Draft*
VÜ	*Lecture + exercise*	PJ	*Project*	SE	*Seminar*
VL	*Lecture*	(WP)	*Compulsory elective subject*	VS	*Lecture seminar*

Module 7: Fundamentals of Spatial Planning: Economics

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	1 semester	3rd-6th semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Microeconomics: Markets and actors in space	VL (P)	2	2
2	Macroeconomics: Macroeconomic influences on space	VL (P)	2	2
3	Module examination		2	

2 Course language
German

3 Teaching content
The module consists of two parts: Microeconomics and macroeconomics and their role in spatial economics, in particular urban and international economic aspects. This module thus lays a comprehensive foundation for understanding economic relationships and their relevance in spatial planning. The microeconomic part deals with supply and demand. It shows how markets work in principle, how politics can influence markets and how efficient markets can be achieved. At the same time, the possibilities and limitations of public planning are explained.
In the macroeconomic part, macroeconomic concepts such as the gross national product, the price level, the labor market, the financial system and the money market are developed. The interrelationships between the markets and macroeconomic policy control options are learned, as are developments since the financial and sovereign debt crisis from 2007 onwards. A key aspect of these analyses is to understand how spatial conditions affect economic development and, conversely, how economic changes influence spatial development and structure.

4 Competencies
Through the module, students acquire the professional competence to understand the economic decisions of individuals, companies, the state and central banks and to learn to think within them. Finally, they acquire the skills to apply these economic relationships to spatial development. The aim is for students to create a systematic basis for spatial planning based on central questions, methods and explanatory approaches in economics.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (120 minutes)

7 Participation requirements
none

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor	Responsible Department
Hellmanzik	Department of Spatial Planning (09)

Key

Ü	*Exercise*	(P)	*Compulsory*	EW	*Draft*
VÜ	*Lecture + exercise*	PJ	*Project*	SE	*Seminar*
VL	*Lecture*	(WP)	*Compulsory elective subject*	VS	*Lecture seminar*

Module 8: Fundamentals of Spatial Planning: Space, Law and Administration

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in summer semester	2 semesters	2nd/3rd semester	9	270 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Space, law and administration I	VL (P)	2	2
2	Space, law and administration II	VL (P)	2	2
3	Exercise Space, law and administration	Ü (P)	2	2
4	Module examination		3	

2 Course language
German

3 Teaching content
The module imparts knowledge of the legal framework, the legal foundations, the organization and procedural design of sovereign planning. This includes central elements of constitutional law, general administrative law and the fundamentals of planning and environmental law, as well as questions of practical application of the law.

4 Competencies
Students gain their first impressions of the legal obligations and requirements of state planning. They should be able to classify spatial planning issues from a legal perspective and answer simple legal questions independently.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (180 minutes)

7 Participation requirements
none

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor	Responsible Department
Grigoleit	Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 9: Empirical Survey and Analysis Methods

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in the winter semester	2 semesters	1st/2nd semester	10	300 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Empirical survey methods	VL (P)	2	2
2	Exercise Empirical survey methods	Ü (P)	2	2
3	Empirical analysis methods	VL (P)	2	2
4	Exercise Empirical analysis methods	Ü (P)	2	2
5	Module examination		2	

2 Course language
German

3 Teaching content
The module provides basic knowledge of social and engineering science empirical survey and analysis methods for engineering, social and economic problems in spatial planning and spatial research. The course "Empirical Survey Methods" provides an introduction to empirical research methodology (research process, hypothesis formation, data collection, data analysis). In particular, quantitative and qualitative methods of data collection are dealt with (sampling, observation, mapping, census, survey, interview, content analysis). The course "Empirical analysis methods" teaches analysis methods for solving specific scientific and planning problems. This includes the application of statistical methods (descriptive statistics, probability theory, inductive statistics) and qualitative analysis methods.

4 Competencies
Students acquire methodological skills for spatial research and planning. They learn to collect relevant data and analyze it using suitable methods. Students carry out surveys and analyses independently and thus learn to select and apply qualitative and quantitative survey and analysis methods suitable for planning-related problems.

5 Examinations
Module examination (graded)
2 items of coursework (ungraded)

6 Examination forms and assessed performance
Module examination: Written examination (120 minutes)
Coursework A: Exercise on empirical field work
Coursework B: Exercise on empirical field work

7 Participation requirements
None

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Scheiner

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 10: Graphical Analysis and Presentation Methods

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	2 semesters	1st/2nd semester	12	360 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Planning cartography	VÜ (P)	3	3
2	Partial assessment A		1	
3	GIS in spatial planning	VÜ (P)	3	3
4	Partial assessment B		1	
5	CAD in spatial planning	Ü (P)	3	3
6	Partial assessment C		1	

2 Course language
German

3 Teaching content
The module teaches theoretical principles and practical skills as part of the engineering sciences in dealing with important graphical analysis and representation methods. Fundamental questions on the various analysis and representation techniques as well as graphic communication are taught theoretically and applied and deepened in the practical use of digital and analog tools on the basis of specific tasks. Element 1 teaches the cartographic basics of spatial planning, introduces students to municipal surveying and supports them in developing their own cartographic style. Element 2 introduces geoinformation technology and geodata infrastructure and deals with the technical modelling, analysis and visualization of spatial data and spatial planning using geoinformation systems (GIS). Element 3 teaches computer-aided design (CAD) and provides guidance on its project-related implementation.

4 Competencies
Students acquire the methodological competence to analytically process, interpret and visually communicate planning issues on different spatial levels. Graphic analysis and presentation skills cover the spectrum from data acquisition, data analysis, technical processing, the selection of suitable methods and forms of presentation to graphic communication and presentation. In particular, students learn to use GIS and CAD for the relevant contexts.

5 Examinations
3 partial assessments (graded)

6 Examination forms and assessed performance
Partial assessment A: Student research project on element 1
Partial assessment B: Student research project on element 2
Partial assessment C: Student research project on element 3

7 Participation requirements
None

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Thinh

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 11: Compulsory Elective Module: Exercise Module

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Every semester	1-2 semesters	4th-8th semester	8	240 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Exercise I	Ü (WP)	2	2
2	Partial assessment A		2	
3	Exercise II	Ü (WP)	2	2
4	Partial assessment B		2	

2 Course language
German/English

3 Teaching content
In module 11, students deepen the knowledge of empirical survey and analysis methods acquired primarily in modules 2, 9 and 10. The exercises (elements 1 and 2) focus on quantitative and qualitative research methods relevant to the engineering science of spatial planning, including methods of computer-aided spatial analysis and modeling as well as methods of empirical social research.

4 Competencies
In both elements, students deepen the basic methodological knowledge they have acquired during their studies by applying it to current research questions. This includes in particular the ability to obtain information and data relevant to spatial planning and to process it for the purposes of description, explanation and forecasting.

5 Examinations
2 partial assessments (graded)

6 Examination forms and assessed performance
Partial assessment A: Student research project on element 1
Partial assessment B: Student research project on element 2

7 Participation requirements
None

8 Module type and applicability of the module
Compulsory elective module in the B.Sc. Spatial Planning, either module 5 or module 11 must be studied.

9 Module supervisor
Westerholt

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 12: Overall Spatial Planning

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	1 semester	1st semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Spatial planning	VL (P)	2	2
2	Planning in the city and region	VL (P)	2	2
3	Module examination		2	

2 Course language
German

3 Teaching content
The courses in this module provide basic knowledge of the tasks, guiding principles and objectives, the most important formal and informal instruments and procedures as well as the legal basis and organization of overall spatial planning at both local and supra-local level. In addition, the basics of selected spatially relevant sectoral plans are taught. Particular attention is paid to the connections between the planning levels (counter-current principle), between overall spatial planning and spatially significant sectoral planning as well as between planning theory and planning practice.

4 Competencies
Students acquire the ability to interpret spatial planning plans and assess their practical application. They should gain an overview of planning approaches and implementation instruments at various spatial levels (local, regional, state, federal, European) and be able to assess and evaluate the possibilities for action, design and impact as well as the limits of spatial planning at the individual planning levels on this basis.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (120 minutes)

7 Participation requirements
None

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Wiechmann

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 13: Urban Design and Monument Preservation

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Start in WS/SS	2 semesters	5th/6th semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Urban design and monument preservation I	VL (P)	2	2
2	Urban design and monument preservation II	VL (P)	2	2
3	Module examination		2	

2 Course language
German

3 Teaching content
The module deals with current issues and positions in urban planning, urban design and monument preservation. It presents historical models as well as contemporary trends in dealing with the urban context. In dealing with different positions and attitudes, knowledge of spatial contexts and planning law design options is presented. The aim is to understand the development processes of the built environment and to reflect on design intervention options. The discussion of projects and approaches to spatial issues is intended to sharpen students' handling of their own concepts and their overall assessment of planning projects.

4 Competencies
The elements of this module impart knowledge about the design possibilities of townscapes and landscapes as well as the possibilities of intervening in the processes of urban design in a controlling and regulating manner. The basics of monument preservation and monument protection are taught.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (180 minutes)

7 Participation requirements
None

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor	Responsible Department
Tribble	Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 14: Land Policy

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in summer semester	2 semesters	4th/5th semester	9	270 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Property valuation	VÜ (P)	2	2
2	Land management	VÜ (P)	2	2
3	Land policy	VL (P)	2	2
4	Module examination		3	

2 Course language
German

3 Teaching content
It is not those who build the apartments, nor those who own the houses, but those who own the land who determine the structure of our cities" – Hans Bernoulli opens his 1946 book “Die Stadt und ihr Boden” (The City and Its Land) with this quote, challenging spatial planning. If owners determine the structure of our cities, how can spatial planning be implemented? Module 14 focuses on the relationship between planning and property. The three elements of the module gradually build up knowledge and skills for strategic land management. The main learning objective of Module 14 is to enable students to reconcile private property and spatial planning through targeted land policy interventions in land use and distribution rights

4 Competencies
Through the module, students acquire theoretical and methodological skills for the independent development of land policy strategies for municipal land management on the basis of an informed understanding of the relationship between planning and land values as well as the professional competence to critically assess and develop various land policy strategies. To this end, students know the basics of property valuation and land management, can apply these to specific cases and are able to analyze and develop land policy strategies for these cases. Module 14 repeatedly reflects on German land policy with international reference.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written exam (180 minutes)

7 Participation requirements
Successful completion of modules 1, 2, 9 and 12

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Hartmann

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 15: Cross-sectional Module: General Planning Theory

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Every semester	1-2 semesters	4th-8th semester	7	210 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Theory of spatial planning	VS (WP)	2	2
2	History of spatial planning	VS (WP)	2	2
3	Module examination		3	

2 Course language
German/English

3 Teaching content
The main content of the course is planning theory approaches for describing, explaining and optimizing spatial planning and decision-making processes in politics, administration and the public, as well as discursive and cooperative forms of planning. Element 1 conveys the most important approaches to spatial planning theory since the establishment of the discipline, provides an overview of different schools of thought and discusses the relationship between planning theory and planning practice. It serves to gain an understanding of the development and current positioning of spatial planning and to reflect on one's own actions as a planner. Element 2 deals with the most significant stages in the historical development of spatial planning. This element focuses on the challenges, development processes and concepts of spatial planning in Germany since industrialization in the 19th century. Phases of spatial planning in the Weimar Republic, National Socialism and in divided and reunified Germany are analyzed.

4 Competencies
Through an intensive examination of the history and theories of spatial planning, students acquire the competence to reflect on the self-image of the discipline of spatial planning and develop an understanding of why, where, how, by whom, with whom and for whom planning is carried out. Students understand the historical contexts that have led to the institutionalization of today's planning system in Germany and train their ability to act by being able to classify their own planning activities in a disciplinary context.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Oral examination (20-30 minutes), group examination with up to three candidates or individual examination
Candidates can make suggestions for the focus of the examination.
It is recommended to study the module in one semester.

7 Participation requirements
Successful completion of modules 1, 2, 9 and 12

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Wiechmann

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 16: Cross-sectional Module: Methods, Procedures and Instruments

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Every semester	1-2 semesters	4th-8th semester	7	210 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Element 1	VS (WP)	2	2
2	Element 2	VS (WP)	2	2
3	Module examination		3	

2 Course language
German/English

3 Teaching content
The module deals with methods for preparing plans and projects as well as with procedures and instruments for their realization. The mediated content includes formalized methods of analysis, forecasting, evaluation and decision-making methods in spatial planning. The formal and informal instruments and procedures used in spatial planning to secure and implement plans and projects, including planning and process management, are covered. The module also covers in-depth knowledge of the structure, objectives, legal, funding and financing instruments and spatially relevant sectoral plans, their coordination with each other and with spatial planning as well as aspects of target group-specific planning methods and procedures.

4 Competencies
In this module, which is central to the preparation and realization of plans and projects, students learn to assess scientifically based methods of planning and project-oriented decision preparation as well as the procedures and instruments necessary for the implementation of such plans and projects and to apply them in engineering practice. The professional and methodological competence acquired covers the areas of application of non-legal and legal as well as formal and informal instruments and procedures.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Oral examination (20-30 minutes), group examination with up to three candidates or individual examination.
Candidates can make suggestions for the focus of the examination.
It is recommended to study the module in one semester.

7 Participation requirements
Successful completion of modules 1, 2, 9 and 12

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Siedentop

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 17: Cross-sectional Module: Spatial Planning International

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Every semester	1-2 semesters	4th-8th semester	7	210 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Spatial planning from an international perspective	VS (WP)	2	2
2	Planning systems and planning cultures in Europe	VS (WP)	2	2
3	Module examination		3	

2 Course language
German/English

3 Teaching content
The course content aims to look at spatial planning and spatial development strategies in different national contexts and at different planning levels and to examine how these are linked to (other) national and international spatial development programs. To this end, the teaching content of element 1 will mainly deal with planning systems and challenges of urban and spatial development outside Europe. This includes, for example, questions of urbanization and development in megacities in the global South as well as the role of the UN Habitat Agenda. Element 2 focuses especially on EU planning-related programs and objectives as well as comparative studies of planning systems and planning cultures in Europe in order to assess the impact of EU objectives on individual planning systems and cultures in Europe and the direction in which European planning systems are developing.

4 Competencies
In addition to the cognitive skills related to the above-mentioned content, students acquire the ability to understand the specific effects of cross-border developments (e.g. globalization, internationalization and migration, environmental problems) on spatial development processes in other social, cultural and ecological contexts. In addition, the examination of planning procedures and planning cultures from an international perspective helps students to define their own role as planners in Germany. To this end, the module will intensively promote the (student) exchange of experience on international topics of urban development and spatial planning. For those who aspire to work in an international context – e.g. with a view to European spatial development policy or in development cooperation – the module provides initial access to important theoretical constructs and problem areas in this field.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Oral examination (20-30 minutes), group examination with up to three candidates or individual examination. Candidates can make suggestions for the focus of the examination.
It is recommended to study the module in one semester.

7 Participation requirements
Successful completion of modules 1, 2, 9 and 12

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

9	Module supervisor Zimmermann	Responsible Department Department of Spatial Planning (09)

Module 18: Cross-sectional Module: Theory of Spatial Development

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Every semester	1-2 semesters	4th-8th semester	7	210 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Location structure and regional development	VS (WP)	2	2
2	Demographic change and settlement structure	VS (WP)	2	2
3	Module examination		3	

2 Course language
German/English

3 Teaching content
Module 18 deals with selected basic problems of spatial development from a theoretical-analytical perspective. In comparison to the basic modules, the connections and interactions between the spatial structure of the economy, population and settlements are examined in greater depth. Element 1 deals with the causes, the spatial distribution of economic activities and the economic use of locations, as well as the central determinants of urban and regional economic development. Element 2 deals with the causes and effects of demographic change and relates them to historical and current processes of settlement development. Empirical examples (both from Germany and other countries) should be used to explain the spatial distribution and development patterns of population and settlements and to illustrate planning responses.

4 Competencies
In this module, students acquire specialist skills in important theoretical and model approaches for describing, explaining and forecasting spatial development processes as a basis for planning activities. Students are enabled to assess the scope and significance of these approaches and use them in planning in a way that is appropriate to the problem.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (120 minutes) or oral examination (20-30 minutes)
Group examination with up to three candidates or individual examination
Candidates can make suggestions for examination topics. The form/type of examination is announced in the course catalog.

7 Participation requirements
Successful completion of modules 1, 2, 9 and 12

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Wiechmann

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 19: Sectoral Planning: Landscape and Environment

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	1 semester	4th-8th semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Landscape ecology	VL (P)	2	2
2	Landscape planning	VL (P)	2	2
3	Module examination		2	

2 Course language
German

3 Teaching content
The Landscape Ecology lecture provides a comprehensive, systematic overview of the ecological principles of spatial planning. After a brief introduction to ecosystem theory, the individual subsystems of geology, georelief, climate, soil, water, flora and fauna are dealt with in depth, and then examined synoptically using the example of selected landscape functions. A further focus of the course is dedicated to the collection, availability and topicality of landscape ecology data and the associated problems and possible solutions.
The lecture Landscape planning provides an overview of landscape planning in the narrower sense as well as related environmental planning instruments. In addition to historical considerations on the self-image of the discipline and the development in the legal-instrumental area, the main focus is on landscape planning, impact regulation and FFH impact assessment in accordance with the Federal Nature Conservation Act (*Bundesnaturschutzgesetz*) and the corresponding state laws as well as environmental assessments in accordance with the UVPG, BauGB and ROG.

4 Competencies
Element 1 imparts essential knowledge about the structure, function, performance and sensitivity of landscape ecosystems. Element 2 imparts knowledge of the objectives, tasks and effects of landscape and environmental planning instruments, including their interactions and in particular in the context of overall planning.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (120 minutes) or oral examination (20-30 minutes)
Individual examination or group examination with up to three candidates

7 Participation requirements
none

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Gruehn

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 20: Sectoral Planning: Environment and Energy

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in summer semester	1 semester	4th-8th semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Planning environmental protection	VL (P)	2	2
2	Supply and disposal systems	VL (P)	2	2
3	Module examination		2	

2 Course language
German

3 Teaching content
Based on the sensitivities of the protected goods, the course Planning environmental protection deals with the engineering principles for avoiding and reducing the effects of construction measures in the areas of soil, water, groundwater, resource, climate and immission protection (air pollutants, radiation and noise) and explains methods for investigating and testing the environmental effects and their consequences.
The course Supply and disposal systems provides the knowledge required for spatial planning applications on the functions and spatial structures of supply and disposal systems (electricity, heat and water supply as well as wastewater and waste disposal) at national, regional and local level. In addition, possible transformation paths of these systems to more resilient and sustainable structures are identified.

4 Competencies
Students acquire the ability to classify specialist planning for supply and disposal from a technical and (spatial) planning perspective. In addition, they gain an understanding of the fundamental interrelationships between environmental protection and environmental planning, technical specialist planning and sustainable spatial development, including their requirements and technical and institutional possibilities. Students deepen their professional competence in interdisciplinary cooperation in the fields of engineering, planning and social sciences.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (120 minutes) or oral examination (20-30 minutes)
Group examination with up to three candidates or individual examination
Candidates can make suggestions for the focus of the examination

7 Participation requirements
none

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Lauven

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 21: Sectoral Planning: Transport and Mobility

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in winter semester	1 semester	4th-8th semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Integrated traffic planning	VÜ (P)	4	4
2	Module examination		2	

2 Course language
German

3 Teaching content
The module teaches the basics of transport planning (analyses and forecasts of transport demand, concepts of cross-modal planning, transport-related plans at all scales and their implementation). The focus is on the interactions between spatial and traffic development.

4 Competencies
Students learn to develop and evaluate cross-modal concepts as well as concepts for individual modes of transport, to assess the transport effects of other spatial planning approaches and to consider transport issues in other spatial planning approaches.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (120 minutes)

7 Participation requirements
None

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
N.N.

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	(P)	*Compulsory*	EW	*Draft*
VÜ	*Lecture + exercise*	PJ	*Project*	SE	*Seminar*
VL	*Lecture*	(WP)	*Compulsory elective subject*	VS	*Lecture seminar*

Module 22: Sectoral Planning: Residential and Commercial Real Estate

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Annually in summer semester	1 semester	4th-8th semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Life cycle-oriented real estate development	VÜ (P)	4	4
2	Module examination		2	

2 Course language
German

3 Teaching content
The module focuses on the development of commercial and residential real estate. Based on the life cycle approach, which is fundamental in this economic sector, the essential principles for the economic planning, realization and use of residential and commercial real estate are developed. To this end, the phases, players (on the supply and demand side) and their significance for the economy are presented first. On this basis, central preferences, necessary standards and terms (e.g. area and cost variables) of structural use, as well as the typology and influencing factors of key types of real estate can be derived in the second step. In the third step, key transaction-based methods and instruments in the life cycle of real estate are presented and practiced. For example, location and market analyses for initiation are discussed as well as the necessary foundation for investment and financing decisions in real estate conception and planning. Finally, the relevant marketing and project management measures in the further life cycle of real estate are introduced as well as the areas of responsibility and control information in the utilization phase of real estate (portfolios), corporate or public real estate management.

4 Competencies
Students learn the essential basics (terms, players, preferences, tasks and methods) required for the development of residential and commercial real estate from the initial idea to the end of the utilization phase. Exercises and small case studies are used to develop students' professional and practical skills in the real estate sector and are tested in practice using integrated exercises.

5 Examinations
Module examination (graded)

6 Examination forms and assessed performance
Written examination (120 minutes)

7 Participation requirements
none
Successful completion of module 7 is recommended.

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Nadler

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 23: Current Issues in Spatial Planning

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Every semester	1-2 semesters	5th-8th semester	8	240 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Seminar I	SE (P)	2	2
2	Partial assessment A		2	
3	Seminar II	SE (P)	2	2
4	Partial assessment B		2	

2 Course language
German/English

3 Teaching content
The module enables students to deal with current issues in spatial planning in theory and practice. These can be topics from all fields of action and planning levels of spatial planning. As a rule, the topics covered are the subject of current planning or scientific discourse. In the seminars, the content is prepared independently by the students and communicated and discussed in a discursive form. This clearly distinguishes this type of course from lectures and tutorials.

4 Competencies
The individual elements of this module provide information on current developments in the practice and theory of spatial planning as well as on topics that are discussed in national and international contexts. They enable students to combine the basic knowledge acquired during their studies with fields of discussion in science and politics and to expand their specialist and methodological skills. In doing so, they deepen their key skills, in particular the discursive treatment and reflection of engineering problems and the writing of scientific texts.

5 Examinations
2 partial assessments (graded)

6 Examination forms and assessed performance
Partial assessment A: Seminar I
Partial assessment B: Seminar II
Regular and active participation by the students is required to complete the partial assessments. This includes, in particular, oral and written contributions to discussions (graded assignments/essays) as well as other coursework regulated in the seminar announcements.

7 Participation requirements
Successful completion of modules 1, 2, 9 and 12

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Greiving

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 24: Studium Fundamentale

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Every semester	1-2 semesters	2nd-8th semester	6	180 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Course I	(WP)	2	2
2	Partial assessment A		1	
3	Course II	(WP)	2	2
2	Partial assessment B		1	

2 Course language
German/English

3 Teaching content
The module offers students an insight into foreign subject cultures or special facets of their own subject culture. The courses offered by the various departments deal with topics of social relevance. Students can choose from a range of subject-specific and/or interdisciplinary in-depth, action- or qualification-oriented courses that

a) were specially designed for the Studium fundamentale by the own or another department,
b) are part of the compulsory or compulsory elective area of other degree programs and are designated by the offering department as suitable for students from other departments,
c) or were designed as interdisciplinary, cross-curricular elective courses offered by their own department.

The specific course content varies accordingly. Credit points earned abroad are taken into account.

4 Competencies
After successfully completing the module, students will have developed an understanding of issues in other disciplines or a particular facet of their own subject. They are able to communicate with students and teachers of other subjects about their own subject culture and to see and classify their own in the context of others. In addition to broadening your educational horizons, you can also acquire key skills. The free choice of courses encourages self-organization and personal initiative during studies.

5 Examinations
2 partial assessments (graded)
The learning objective and the competencies of the module may require a different arrangement for the acquisition of credit points, in particular through a module examination or other suitable achievements, which are announced in the annotated course catalog in advance.

6 Examination forms and assessed performance
Partial assessment A: Written examination, seminar paper or oral examination on element 1
Partial assessment B: Written examination, seminar paper or oral examination on element 2

7 Participation requirements
none

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Zimmermann

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 25: Practical Phase

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Every semester	1 semester	4th-8th semester	12	360 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Internship	PK (WP)	10	
2	Career Forum	KQ (P)	2	2

2 Course language
German/English

3 Teaching content
An internship in the professional field of spatial planning provides insights into the field of spatial planning and should be completed in the public sector, a civil society organization, a planning office, a private company or an academic institution outside the Department of Spatial Planning. In the accompanying colloquium "Career Forum", graduates of the department report on their professional activities and fields of work as well as their personal career biographies. The colloquium gives students an insight into the professional practice and biographies of graduates and thus provides advice and suggestions for study orientation, setting priorities, researching internships, etc. At the same time, students develop a "feel" or “antenna” for the job market and prospects in the professional field of spatial planning.

4 Competencies
Students deepen and expand their skills and competencies in the context of an internship by applying and familiarizing themselves with the content of their studies in the practice of spatial planning in various spatial structures and with different responsibilities. Furthermore, they gain an insight into professional practice and can thus develop their own career prospects.

5 Examinations
none

6 Examination forms and assessed performance
A prerequisite for the acquisition of credit points for the module is proof of a full-time internship of at least six weeks or a comparable amount of practical professional experience in the professional field of spatial planning, but outside the Department of Spatial Planning.

7 Participation requirements
None

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Chairperson of Examination Board

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*

Module 26: Bachelor‘s Thesis

Degree progam: B.Sc. Spatial Planning

Rotation:	Duration:	Study section:	Credit Points:	Expenditure:
Every semester	1 semester	7th-8th semester	12	360 h

1 Module structure

No.	Element/Course	Type	Credit Points	SWS
1	Bachelor‘s thesis	(WP)	12	

2 Course language
German/English

3 Teaching content
The Bachelor's thesis is a scientific paper in the field of spatial planning. The thesis can have a theoretical, empirical or conceptual-design focus. Students can make suggestions for the topic of the thesis.

4 Competencies
With the Bachelor's thesis, the candidate demonstrates the professional and methodological competence to work independently on a spatial planning issue within a specified period of time according to scientific and professional standards.

5 Examinations
Module examination (graded)

6 Examination form and assessed performance
Bachelor‘s thesis (max. 75,000 characters without spaces)

7 Participation requirements
Successful completion of modules 1, 2, 3, 4, 9 and 12

8 Module type and applicability of the module
Compulsory module in the B.Sc. Spatial Planning

9 Module supervisor
Chairperson of Examination Board

Responsible Department
Department of Spatial Planning (09)

Key

Ü	*Exercise*	*(P)*	*Compulsory*	*EW*	*Draft*
VÜ	*Lecture + exercise*	*PJ*	*Project*	*SE*	*Seminar*
VL	*Lecture*	*(WP)*	*Compulsory elective subject*	*VS*	*Lecture seminar*