Hochschule Düsseldorf
University of Applied Sciences
HSD

Peter Behrens School of Arts
Fachbereich Architektur / Faculty of Architecture
PBSA

Peter Behrens School of Arts
Faculty of Architecture

MODULE MANUAL

BACHELOR'S PROGRAMME
ARCHITECTURE AND INTERIOR ARCHITECTURE
1 July 2019

PBSA – Hochschule Düsseldorf – University of Applied Sciences
Bachelor's programme in Interior Architecture (IA)
Specialisation in interior architecture
General syllabus (**Wintersemesters)**
Last updated: 19 June 2019

Mobility window and elective options

Module category (MK)	SEMESTER 1 (**FUNDAMENTALS A+IA**)				SEMESTER 2 (**FUNDAMENTALS A+IA**)				SEMESTER 3 (ORIENTATION **INTERIOR ARCHITECTURE**)				SEMESTER 4 (ORIENTATION OPTIONAL ARCHITECTURE)			
MK 1 ARCHITECTURAL AND INTERIOR DESIGN	**BA 1.1 Architectural and Interior Design 1**			**6CP**					**BA 1.3 Architectural and Interior Design 3**			**9CP**	**BA 1.4 Architectural and Interior Design 4**			**9CP**
	BA 1.1.1 Fundamentals of Architectural and Interior Design 1	1 L	4 S	6 CP					BA 1.3.1 Interior Design Studio with an Integrated Focus		5 S	7 CP	BA 1.4.1 Design Studio with an Integrated Focus		5 S	7 CP
									BA 1.3.2 Focus: Technical Building Equipment		1 E	2 CP	BA 1.4.2 Focus: Structural Design		1 E	2 CP
MK 2 ARCHITECTURAL AND INTERIOR DESIGN WITH SPECIAL FOCUS									**BA 2.1 Architectural and Interior Design with Special Focus 1**			**6CP**	**BA 2.2 Architectural Design with Special Focus 2**			**9CP**
									BA 2.1.1 Furniture Design	1 L	1 E	3 CP	BA 2.2.1 Building Typologies	2 L		3 CP
									BA 2.1.2 Exhibition Architecture	1 L	1 E	3 CP	BA 2.2.2 Urban Design	2 L		3 CP
													BA 2.2.3 Design and Construction in the Existing Context 1	2 L		3 CP
MK 3 ARCHITECTURAL DRAWING AND PRESENTATION	**BA 3.1 Architectural Drawing and Presentation 1**			**6CP**												
	BA 3.1.1 Graphics 1 (CAD 2D)	1 L	1 E	3 CP												
	BA 3.1.2 Freehand Drawing	1 L	1 E	3 CP												
	BA 3.2 Architectural Drawing and Presentation 2			**6CP**												
	BA 3.2.1 Fundamentals of Design 1	1 L	4 S	6 CP												
MK 4 BUILDING TECHNOLOGY	**BA 4.1 Building Technology 1**			**9CP**					**BA 4.3 Building Technology 3**			**6CP**	**BA 4.5 Building Technology 5**			**9CP**
	BA 4.1.1 Fundamentals of Building Construction 1	2 L	3 S	6 CP					BA 4.3.1 Interior Finishings and Construction	2 L		3 CP	BA 4.5.1 Building Construction	2 L		3 CP
	BA 4.1.2 Construction Materials Science 1	2 L		3 CP					BA 4.3.2 Science of Structural Design 1	1 L	1 E	3CP	BA 4.5.2 Science of Structural Design 2	1 L	1 E	3 CP
									BA 4.4 Building Technology 4			**6CP**	BA 4.5.3 Fundamentals of Building Physics	1 L	1 E	3 CP
									BA 4.4.1 Fundamentals of Technical Building Equipment	1 L	1 E	3 CP				
									BA 4.4.2 Lighting Design 1	1 L	1 E	3 CP				
MK 5 ARCHITECTURAL THEORY	**BA 5.1 Architectural Theory 1**								**BA 5.2 Architectural Theory 2**			**6CP**				
	BA 5.1.1 Architectural History 1 (History of Architectural Eras and Styles)	2 L		3 CP					BA 5.2.1 Architectural History 3 (incl. Design History)	2 L		3 CP	BA 5.2.2 Architectural History 4 (incl. History of Urban Design)	2 L		3 CP
MK 6 COMPULSORY ELECTIVE MODULES																
	SWS 23			**CP30**	**SWS 23**			**CP30**	**SWS 19**			**CP30**	**SWS 19**			**CP30**

SEMESTER 5 (SPECIALISATION **INTERIOR ARCHITECTURE**)					SEMESTER 6 (SPECIALISATION **INTERIOR ARCHITECTURE**)			
BA 1.5 Architectural and Interior Design 5-IA				**9CP**				
BA 1.5.1-IA Design Studio: Complex Spatial Design		4S		9 CP				
BA 6.1 Compulsory Elective Module 1-IA				**6CP**	**BA 2.3 Architectural Design with Special Focus 3**			**8CP**
					Ungraded courses to be completed any time during semesters 1–6:			
BA 6.1.3 Building and Construction in the Existing Context 2	1 L	2 S		6 CP	BA 2.3.1 1x Special Topics in Architecture (in English)	1 L	3 E	2 CP
BA 6.1.5 Interior Design	1 L	2 S		6 CP	BA 2.3.2 2x Intra Muros: Project BA		4 E	2 CP
BA 6.1.6 Spatial Communication	1 L	2 S		6 CP	2.3.3 2x Extra Muros: Excursion		2 E	2 CP
BA 6.2 Compulsory Elective Module 2-IA				**5CP**	BA 2.3.4 1x Lecture Series (Faculties of Architecture and Design)	1 L		2 CP
BA 6.2.1 Fundamentals of Design 3		2 S		5 CP				
BA 6.2.4 Graphics 3 (CAD 3D/DTP)		2 S		5 CP				
BA 6.2.5 Typography and Graphics		2 S		5 CP				
BA 6.3 Compulsory Elective Module 3-IA				**5CP**				
BA 6.3.4 Lighting Design 2		2 S		5 CP				
BA 6.3.5 Furniture and Product Design		2 S		5 CP				
BA 6.3.6 Temporary Spaces and Structures		2 S		5 CP				
BA 6.4 Compulsory Elective Module 4-IA				**5CP**				
BA 6.4.1 Architectural History 4		2 S		5 CP				
BA 6.4.2 Architectural Theory		2 S		5 CP				
BA 6.4.3 Theory and Spatial Design		2 S		5 CP				
SWS 13				**CP30**				

PBSA – Hochschule Düsseldorf – University of Applied Sciences
Bachelor's programme in Interior Architecture (IA)
Specialisation in interior architecture
General syllabus (**Summersemesters**)
Last updated: 19 June 2019

Mobility window and elective options

Module category (MK)	SEMESTER 1 (**FUNDAMENTALS A+IA**)	SEMESTER 2 (**FUNDAMENTALS A+IA**)	SEMESTER 3 (ORIENTATION **INTERIOR ARCHITECTURE**)	SEMESTER 4 (ORIENTATION OPTIONAL ARCHITECTURE)	SEMESTER 5 (SPECIALISATION **INTERIOR ARCHITECTURE**)	SEMESTER 6 (SPECIALISATION **INTERIOR ARCHITECTURE**)
MK 1 ARCHITECTURAL AND INTERIOR DESIGN		**BA 1.2 Architectural and Interior Design 2** **6CP** BA 1.2.1 Fundamentals of Architectural and Interior Design 2 1 L 4 S 6 CP	**BA 1.3 Architectural and Interior Design 3** **9CP** BA 1.3.1 Interior Design Studio with an Integrated Focus 5 S 7 CP BA 1.3.2 Focus: Technical Building Equipment 1 E 2 CP	**BA 1.4 Architectural and Interior Design 4** **9CP** BA 1.4.1 Design Studio with an Integrated Focus 5 S 7 CP BA 1.4.2 Focus: Structural Design 1 E 2 CP		**BA 1.6 Architectural and Interior Design 6-IA** **16CP** BA 1.6.1-IA Thesis: Interior Architecture 12 CP
MK 2 ARCHITECTURAL AND INTERIOR DESIGN WITH SPECIAL FOCUS			**BA 2.1 Architectural and Interior Design with Special Focus 1** **6CP** BA 2.1.1 Furniture Design 1 L 1 E 3 CP BA 2.1.2 Exhibition Architecture 1 L 1 E 3 CP	**BA 2.2 Architectural Design with Special Focus 2** **9CP** BA 2.2.1 Building Typologies 2 L 3 CP BA 2.2.2 Urban Design 2 L 3 CP BA 2.2.3 Design and Construction in the Existing Context 1 2 L 3 CP		**BA 2.3 Architectural Design with Special Focus 3** **8CP** Ungraded courses to be completed any time during semesters 1–6: BA 2.3.1 1x Special Topics in Architecture (in English) 1 L 1 E 2 CP BA 2.3.2 2x Intra Muros: Project BA 2 E 2 CP BA 2.3.3 2x Extra Muros: Excursion 2 E 2 CP BA 2.3.4 1x Lecture Series (Faculties of Architecture and Design). 1 L 2 CP
MK 3 ARCHITECTURAL DRAWING AND PRESENTATION		**BA 3.4 Architectural Drawing and Presentation 4** **6CP** BA 3.4.1 Fundamentals of Design 2 1 L 4 S 6 CP				
MK 4 BUILDING TECHNOLOGY		**BA 4.2 Building Technology 2** **9CP** BA 4.2.1 Fundamentals of Building Construction 2 2 L 3 S 6 CP BA 4.2.2 Construction Materials Science 2 2 L 3 CP	**BA 4.3 Building Technology 3** **6CP** BA 4.3.1 Interior Finishings and Construction 2 L 3 CP BA 4.3.2 Science of Structural Design 1 1 L 1 E 3CP **BA 4.4 Building Technology 4** **6CP** BA 4.4.1 Fundamentals of Technical Building Equipment 1 L 1 E 3 CP BA 4.4.2 Lighting Design 1 1 L 1 E 3 CP	**BA 4.5 Building Technology 5** **9CP** BA 4.5.1 Building Construction 2 L 3 CP BA 4.5.2 Science of Structural Design 2 1 L 1 E 3 CP BA 4.5.3 Fundamentals of Building Physics 1 L 1 E 3 CP		
MK 5 ARCHITECTURAL THEORY		**6CP** BA 5.1.1 Architectural History 2 (History of Architectural Eras and Styles) 2 L 3 CP	**BA 5.2 Architectural Theory 2** **6CP** BA 5.2.1 Architectural History 3 (incl. Design History) 2 L 3 CP	BA 5.2.2 Architectural History 4 (incl. History of Urban Design) 2 L 3 CP		**BA 5.3 Architectural Theory 3** **6CP** BA 5.3.1 German Architectural and Construction Law 2 L 3 CP BA 5.3.2 Construction Management 2 L 3 CP
MK 6 COMPULSORY ELECTIVE MODULES						
		SWS 23 **CP30**	**SWS 19** **CP30**	**SWS 19** **CP30**		**SWS 15** **CP30**

PBSA – Hochschule Düsseldorf – University of Applied Sciences
Bachelor's programme in Architecture (A)
Specialisation in interior architecture
General syllabus (**Wintersemesters)**
Last updated: 19 June 2019

Mobility window and elective options

Module category (MK)	SEMESTER 1 (**FUNDAMENTALS A+IA**)	SEMESTER 2 (**FUNDAMENTALS A+IA**)	SEMESTER 3 (ORIENTATION OPTIONAL INTERIOR ARCH.)	SEMESTER 4 (ORIENTATION **ARCHITECTURE**)	SEMESTER 5 (SPECIALISATION IN **ARCHITECTURE**)	SEMESTER 6 (SPECIALISATION IN **ARCHITECTURE**)
MK 1 ARCHITECTURAL AND INTERIOR DESIGN	**BA 1.1 Architectural and Interior Design 1** 6CP BA 1.1.1 Fundamentals of Architectural and Interior Design 1 1 L 4 S 6 CP		**BA 1.3 Architectural and Interior Design 3** 9CP BA 1.3.1 Interior Design Studio with an Integrated Focus 5 S 7 CP BA 1.3.2 Focus: Technical Building Equipment 1 E 2 CP	**BA 1.4 Architectural and Interior Design 4** 9CP BA 1.4.1 Design Studio with an Integrated Focus 5 S 7 CP BA 1.4.2 Focus: Structural Design 1 E 2 CP	**BA 1.5 Architectural and Interior Design 5-A** 9CP BA 1.5.1-A Design Studio: Urban Context 4S 9 CP	
MK 2 ARCHITECTURAL AND INTERIOR DESIGN WITH SPECIAL FOCUS			**BA 2.1 Architectural and Interior Design with Special Focus 1** 6CP BA 2.1.1 Furniture Design 1 L 1 E 3 CP BA 2.1.2 Exhibition Architecture 1 L 1 E 3 CP	**BA 2.2 Architectural Design with Special Focus 2** 9CP BA 2.2.1 Building Typologies 2 L 3 CP BA 2.2.2 Urban Design 2 L 3 CP BA 2.2.3 Design and Construction in the Existing Context 1 2 L 3 CP	**BA 6.1 Compulsory Elective Module 1-A** 6CP BA 6.1.1 Instruments for Urban Planning 1 L 2 S 6 CP BA 6.1.2 Landscape Design and Planning 1 L 2 S 6 CP BA 6.1.3 Design and Construction in the Existing Context 2 1 L 2 S 6 CP BA 6.1.4 Housing 1 L 2 S 6 CP	**BA 2.3 Architectural Design with Special Focus 3** 8CP Ungraded courses to be completed any time during semesters 1–6: BA 2.3.1 1x Special Topics in Architecture (in English) 1 L 1 E 2 CP BA 2.3.2 2x Intra Muros: Project BA 2 E 2 CP BA 2.3.3 2x Extra Muros: Excursion 2 E 2 CP BA 2.3.4 1x Lecture Series (Faculties of Architecture and Design) 1 L 2 CP
MK 3 ARCHITECTURAL DRAWING AND PRESENTATION	**BA 3.1 Architectural Drawing and Presentation 1** 6CP BA 3.1.1 Graphics 1 (CAD 2D) 1 L 1 E 3 CP BA 3.1.2 Freehand Drawing 1 L 1 E 3 CP **BA 3.2 Architectural Drawing and Presentation 2** 6CP BA 3.2.1 Fundamentals of Design 1 1 L 4 S 6 CP				**BA 6.2 Compulsory Elective Module 2-A** 5CP BA 6.2.1 Fundamentals of Design 3 A 2 S 5 CP BA 6.2.2 Fundamentals of Design 3 B 2 S 5 CP BA 6.2.3 Typologies 2 S 5 CP BA 6.2.4 Graphics 3 (CAD 3D/DTP) 2 S 5 CP	
MK 4 BUILDING TECHNOLOGY	**BA 4.1 Building Technology 1** 9CP BA 4.1.1 Fundamentals of Building Construction 1 2 L 3 S 6 CP BA 4.1.2 Construction Materials Science 1 2 L 3 CP		**BA 4.3 Building Technology 3** 6CP BA 4.3.1 Interior Finishings and Construction 2 L 3 CP BA 4.3.2 Science of Structural Design 1 1 L 1 E 3CP **BA 4.4 Building Technology 4** 6CP BA 4.4.1 Fundamentals of Technical Building Equipment 1 L 1 E 3 CP BA 4.4.2 Lighting Design 1 1 L 1 E 3 CP	**BA 4.5 Building Technology 5** 9CP BA 4.5.1 Building Construction 2 L 3 CP BA 4.5.2 Science of Structural Design 2 1 L 1 E 3 CP BA 4.5.3 Fundamentals of Building Physics 1 L 1 E 3 CP	**BA 6.3 Compulsory Elective Module 3-A** 5CP BA 6.3.1 System Buildings and Façades 2 S 5 CP BA 6.3.2 Ecology and Energy 2 S 5 CP BA 6.3.3 Digital Design, Planning and Construction 2 S 5 CP BA 6.3.4 Lighting Design 2 2 S 5 CP	
MK 5 ARCHITECTURAL THEORY	**BA 5.1 Architectural Theory 1** BA 5.1.1 Architectural History 1 (History of Architectural Eras and Styles) 2 L 3 CP		**BA 5.2 Architectural Theory 2** 6CP BA 5.2.1 Architectural History 3 (incl. Design History) 2 L 3 CP	BA 5.2.2 Architectural History 4 (incl. History of Urban Design) 2 L 3 CP	**BA 6.4 Compulsory Elective Module 4-A** 5CP BA 6.4.1 Architectural History 4 2 S 5 CP BA 6.4.2 Architectural Theory 2 S 5 CP BA 6.4.3 Theory and Spatial Design 2 S 5 CP BA 6.4.4 Selected Topics in Theory 2 S 5 CP	
MK 6 COMPULSORY ELECTIVE MODULES						
	SWS 23 CP30	**SWS 23 CP30**	**SWS 19 CP30**	**SWS 19 CP30**	**SWS 13 CP30**	

PBSA – Hochschule Düsseldorf – University of Applied Sciences
Bachelor's programme in Architecture (A)
Specialisation in interior architecture
General syllabus (**Summersemesters**)
Last updated: 19 June 2019

Mobility window and elective options

Module category (MK)	SEMESTER 1 (**FUNDAMENTALS A+IA**)	SEMESTER 2 (**FUNDAMENTALS A+IA**)	SEMESTER 3 (ORIENTATION OPTIONAL **INTERIOR ARCH.**)	SEMESTER 4 (ORIENTATION **ARCHITECTURE**)	SEMESTER 5 (SPECIALISATION IN **ARCHITECTURE**)	SEMESTER 6 (SPECIALISATION IN **ARCHITECTURE**)
MK 1 ARCHITECTURAL AND INTERIOR DESIGN		**BA 1.2 Architectural and Interior Design 2** **6CP** BA 1.2.1 Fundamentals of Architectural and Interior Design 2 1 L 4 S 6 CP	**BA 1.3 Architectural and Interior Design 3** **9CP** BA 1.3.1 Interior Design Studio with an Integrated Focus 5 S 7 CP BA 1.3.2 Focus: Technical Building Equipment 1 E 2 CP	**BA 1.4 Architectural and Interior Design 4** **9CP** BA 1.4.1 Design Studio with an Integrated Focus 5 S 7 CP BA 1.4.2 Focus: Structural Design 1 E 2 CP		**BA 1.6 Architectural and Interior Design 6-A** **12CP** 12 CP BA 1.6.1-A Thesis: Architecture (incl. Written Part)
MK 2 ARCHITECTURAL AND INTERIOR DESIGN WITH SPECIAL FOCUS			**BA 2.1 Architectural and Interior Design with Special Focus 1** **6CP** BA 2.1.1 Furniture Design 1 L 1 E 3 CP BA 2.1.2 Exhibition Architecture 1 L 1 E 3 CP	**BA 2.2 Architectural Design with Special Focus 2** **9CP** BA 2.2.1 Building Typologies 2 L 3 CP BA 2.2.2 Urban Design 2 L 3 CP BA 2.2.3 Design and Construction in the Existing Context 1 2 L 3 CP		**BA 2.3 Architectural Design with Special Focus 3** **8CP** Ungraded courses to be completed any time during semesters 1–6: BA 2.3.1 1x Special Topics in Architecture (in English) 1 L 3 E 2 CP BA 2.3.2 2x Intra Muros: Project BA 4 E 2 CP 2.3.3 2x Extra Muros: Excursion 2 E 2 CP BA 2.3.4 1x Lecture Series (Faculties of Architecture and Design) 1 L 2 CP
MK 3 ARCHITECTURAL DRAWING AND PRESENTATION		**BA 3.4 Architectural Drawing and Presentation 4** **6CP** BA 3.4.1 Fundamentals of Design 2 1 L 4 S 6 CP				
MK 4 BUILDING TECHNOLOGY		**BA 4.2 Building Technology 2** **9CP** BA 4.2.1 Fundamentals of Building Construction 2 2 L 3 S 6 CP BA 4.2.2 Construction Materials Science 2 2 L 3 CP	**BA 4.3 Building Technology 3** **6CP** BA 4.3.1 Interior Finishings and Construction 2 L 3 CP BA 4.3.2 Science of Structural Design 1 1 L 1 E 3CP **BA 4.4 Building Technology 4** **6CP** BA 4.4.1 Fundamentals of Technical Building Equipment 1 L 1 E 3 CP BA 4.4.2 Lighting Design 1 1 L 1 E 3 CP	**BA 4.5 Building Technology 5** **9CP** BA 4.5.1 Building Construction 2 L 3 CP BA 4.5.2 Science of Structural Design 2 1 L 1 E 3 CP BA 4.5.3 Fundamentals of Building Physics 1 L 1 E 3 CP		
MK 5 ARCHITECTURAL THEORY		**6CP** BA 5.1.1 Architectural History 2 (History of Architectural Eras and Styles) 2 L 3 CP	**BA 5.2 Architectural Theory 2** **6CP** BA 5.2.1 Architectural History 3 (incl. Design History) 2 L 3 CP	BA 5.2.2 Architectural History 4 (incl. History of Urban Design) 2 L 3 CP		**BA 5.3 Architectural Theory 3** **6CP** BA 5.3.1 German Architectural and Construction Law 2 L 3 CP BA 5.3.2 Construction Management 2 L 3 CP
MK 6 COMPULSORY ELECTIVE MODULES						
		SWS 23 **CP30**	**SWS 19** **CP30**	**SWS 19** **CP30**		**SWS 15** **CP30**

Study programme: BA in Architecture and Interior Architecture

Module **Architectural and Interior Design 1** Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 1.1	1	6	5	180 h	1 semester	Winter semester	German English if applicable

Courses in this module	CP	SWS	Attendance	Self-study
Fundamentals of Architectural and Interior Design 1	6	5	56.25 h	123.75 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Korschildgen	Prof. Korschildgen, Prof. Reitz, Prof. Molestina	15

Prerequisites	Other programmes this module can be part of
- Admission to bachelor's programme Architecture and Interior Architecture	The module may also be taken as part of other study programmes with a partially similar orientation (architecture, interior architecture, urban design, landscape architecture, design), subject to the relevant examination regulations.

Contents

Courses / teaching content	Learning outcomes / competences acquired
Fundamentals of **Architectural and Interior** **Design 1** The course includes creativity exercises, simple three-dimensional and spatial design exercises. Students acquire knowledge of different architectural design elements, scales, methods and graphic techniques. They work on several design assignments with limited complexity.	Students have basic knowledge in the areas of design conception and design patterns. They know basic phenomena and elements of space creation and design and are familiar with different scales – from objects to spaces and buildings to urban space. They are able to find creative solutions for simple assignments on specified topics and to present and explain them in drawings and models using initial theoretical and methodological knowledge. They can consider and reflect on design approaches also in relation to the respective cultural and socio-economic context.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 1.1.1	Fundamentals of Architectural and Interior Design 1 (lecture+seminar)**	5 (1L+4S)	Presentation incl. colloquium

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

** Lectures, individual feedback talks, colloquiums, on-site appointments if applicable

Grading of the module	Weighting for overall grade
The module consists of only one course. Therefore, the final grade of the module is identical to the grade of the examination of this course.	The module grade is worth 3.33 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / presentation

Study programme: BA in Architecture and Interior Architecture

Module **Architectural and Interior Design 2** — Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 1.2	2	6	5	180 h	1 semester	Summer semester	German English if applicable

Courses in this module	CP	SWS	Attendance	Self-study
Fundamentals of Architectural and Interior Design 2	6	5	56.25 h	123.75 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Korschildgen	Prof. Korschildgen, Prof. Reitz, Prof. Molestina	15

Prerequisites
- Successful completion of BA 1.1

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a partially similar orientation (architecture, interior architecture, urban design, landscape architecture, design), subject to the relevant examination regulations.

Contents

Courses / teaching content
Fundamentals of Architectural and Interior Design 2
The course teaches different design elements, scales, methods and graphic techniques based on historical and contemporary examples.

It focuses on the visualisation of design processes and familiarises students with different analysis and presentation techniques, including the basics of academic working practices, especially the tools of research and analysis.

Students learn how to link functional, creative and atmospheric aspects.

The course includes several different design assignments with different durations and complexities.

It also provides interfaces with the basic subjects of building construction and fundamentals of design.

Learning outcomes / competences acquired

Students are familiar with the regularity of design and patterns as well as of site and spatial analysis. Taking contextual, functional, technical and design aspects into account, they are able to structure simple given assignments in terms of content and time and to find creative design solutions. They are able to carry out targeted research, formulate problems, prepare analyses, recognise and take into account interdisciplinary aspects such as cultural and socio-economic conditions, make critical judgements and develop and formulate creative solution strategies, as well as communicate using different presentation media.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 1.2.1	Fundamentals of Architectural and Interior Design 2 (lecture+seminar)**	5 (1L+4S)	Presentation incl. colloquium

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

** Lectures, individual feedback talks, colloquiums, on-site appointments if applicable

Grading of the module
The module consists of only one course. Therefore, the final grade of the module is identical to the grade of the examination of this course.

Weighting for overall grade
The module grade is worth 3.33 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / presentation

Study programme: BA in Architecture and Interior Architecture

Module **Architectural and Interior Design 3** — Orientation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 1.3	3 / 4	9	6	270 h	1 semester	Winter / summer semester	German/ English

Courses in this module	CP	SWS	Attendance	Self-study
Interior Design Studio with an Integrated Focus	7	5	56.25 h	153.75 h
Focus: Technical Building Equipment	2	1	11.25 h	48.75

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Ern	Prof. Wendland, Prof. Ern, Prof. Kullack, Prof. Schoeller	15

Prerequisites
- Successful completion of BA 1.1 and BA 1.2

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a partially similar orientation (architecture, interior architecture, urban design, landscape architecture, design), subject to the relevant examination regulations.

Contents

Courses / teaching content

Interior Design Studio
Students learn how to deal with architectural context and to use a simple computer programme when solving an interior design assignment.
They conduct research into different relevant topics.
They carry out analyses and develop concepts, taking into account interior finishings and construction aspects as well as teaching content from Technical Building Equipment. They learn how to develop creative interior design and overall spatial solutions and to present them in appropriate scales of up to 1:5.
They develop and optimise various creative, functional, technical and atmospheric design solution alternatives.

Aim:
Students perceive space and building as an entity with special attention paid to material, lighting and technology.
They work out interior finishings and construction designs. They familiarise themselves with appropriate forms of architectural representation and comprehensibly communicate and discuss the interior design concepts developed.

Students work on designs in teams of 2.
Details are worked out individually.

Related lectures:
BA 4.3.1 Interior Finishings and Construction
BA 4.4.1 Fundamentals of Technical Building Equipment

Learning outcomes / competences acquired

Students have basic knowledge of the phenomena and elements of space creation and are able to use this knowledge to meet the functional requirements of an interior design assignment. They are able to analyse given parameters, to formulate an interior design concept and to further develop and present it in a logical manner in different scales.
They are able to incorporate technical, functional, creative and atmospheric aspects into the corresponding design solution and can work out these aspects constructionally. In doing so, they develop an understanding of architectural design as a holistic and integrative process that takes site, function and construction into account.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades			
Course no.	**Course / form of teaching**	**SWS**	**Type of examination***
BA 1.3.1	Interior Design Studio with an Integrated Focus (interior design seminar)** usually completed together with BA 1.3.2 Focus: Technical Building Equipment	5 (5IDS)	Presentation incl. colloquium
BA 1.3.2	Focus: Technical Building Equipment usually completed together with BA 1.3.1 Interior Design Studio with an Integrated Focus	1 (E)	Presentation incl. colloquium
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
** Lectures, individual feedback talks, colloquiums, on-site appointments if applicable			
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.		**Weighting for overall grade** The module grade is worth 5 % of the overall grade according to the CP awarded.	
Requirements for award of credits Passed module examination / presentation incl. colloquium			

Study programme: BA in Architecture and Interior Architecture

Module **Architectural and Interior Design 4** — Orientation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 1.4	3 / 4	9	6	270 h	1 semester	Winter / summer semester	German English if applicable

Courses in this module	CP	SWS	Attendance	Self-study
Design Studio with an Integrated Focus	7	5	56.25 h	153.75 h
Focus: Structural Design	2	1	11.25 h	48.75

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Mueller	Prof. Mueller, Prof. Pütz, Prof. Niess, Prof. Schuster and others	15

Prerequisites
- Successful completion of BA 1.1 and BA 1.2

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a partially similar orientation (architecture, interior architecture, urban design, landscape architecture, design), subject to the relevant examination regulations.

Contents

Courses / teaching content

Design Studio with an Integrated Focus
Students learn how to deal with the urban context and to use a simple computer programme for building construction when completing a topical assignment.
They conduct research into various relevant topics.
They carry out typological and urban planning analyses and develop corresponding concepts.
They develop and optimise various creative functional, technical and spatial design solution alternatives
Aim:
Students perceive buildings and surrounding space as an entity with special attention paid to context and technology.
They work out integrated architectural designs with a focus on structural design up to a scale of 1:5.
They familiarise themselves with appropriate forms of architectural representation.

Students work on designs in teams of 2.
Details are worked out individually.

Related lectures:
BA 4.5.1 Building Construction
BA 4.5.2 Science of Structural Design 1 and 2

Learning outcomes / competences acquired

Students are able to develop buildings of medium complexity methodically, analytically and creatively and can reify them in draft, working and detail drawings using their knowledge of building construction, structural design, power engineering and materials science.

They are familiar with the basic features of urban planning analysis and urban design and can place their building design in an urban context.
They are able to integrate technical, functional and creative atmospheric aspects into the corresponding design solution and can work out these aspects constructionally. In doing so, they develop an understanding of design as a holistic and integrative process that takes location, function and construction into account.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library). Recommended standard literature:
Deplazes (ed.) Architektur konstruieren; Frick/Knöll (eds.) Baukonstruktionslehre 1+2; Schmitt/Heene Hochbaukonstruktion; Atlanten edited by Detail; Bernhard Rudofsky Architektur ohne Architekten; current specialist journals

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 1.4.1	Design Studio with an Integrated Focus (architectural design seminar)** usually completed together with BA 1.4.2 Focus: Structural Design	5 (5ADS)	Presentation incl. colloquium

BA 1.4.2	Focus: Structural Design usually completed together with BA 1.4.1 Design Studio with an Integrated Focus	1 (1E)	Presentation incl. colloquium
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
** Lectures, individual feedback talks, colloquiums, on-site appointments if applicable			
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.		**Weighting for overall grade** The module grade is worth 5 % of the overall grade according to the CP awarded.	
Requirements for award of credits Passed module examination / presentation incl. colloquium			

Study programme: BA in Architecture

Module **Architectural and Interior Design 5-A** — Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 1.5-A	5	9	4	270 h	1 semester	Winter semester	German English if applicable

Courses in this module	CP	SWS	Attendance	Self-study
- Design Studio: Urban Context	9	4	45 h	225 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Leeser	Prof. Pütz, Prof. Leeser, Prof. Frank, Prof. Molestina, Prof. Schuster, Prof. Pasing and others	15

Prerequisites
- Successful completion of BA 1.1 – BA 1.4
- Specialisation in architecture towards the end of semester 4

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a partially similar orientation (architecture, interior architecture, urban design, landscape architecture, design), subject to the relevant examination regulations.

Contents

Courses / teaching content

Design Studio: Urban Context
The course teaches conceptual and methodical designing, taking complex functional and contextual interdependencies into account with a particular focus on relevant aspects of urban planning.
It promotes targeted research of different subject areas. It also addresses technical, ecological, cultural and aesthetic aspects.
The course applies teaching content from other modules.
It features an in-depth approach to key topics in the design process.
Furthermore, it focuses on the application of didactic presentation tools and targeted visualisation techniques.

Learning outcomes / competences acquired

Students are able to harmonise the diverse requirements of a complex assignment in a design solution in terms of function and creativity.

They are able to develop an architectural design conceptually and methodically after analytically determining the basis and can work it out and present it in detail.
Students also understand the relevant correlations and interdependencies between urban design and architecture.
They can relate their design to historical and contemporary developments in architecture, culture and society.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 1.5.1-A	Individual Architectural Design (architectural design seminar)**	4 (4ADS)	Presentation incl. colloquium

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

** Lectures, individual feedback talks, colloquiums, on-site appointments if applicable

Grading of the module
The module consists of only one course. Therefore, the final grade of the module is identical to the grade of the examination of this course.

Weighting for overall grade
The module grade is worth 5 % of the overall grade according to the CP awarded.

Requirements for award of credits
Passed module examination / presentation incl. colloquium

Study programme: BA in Interior Architecture

Module **Architectural and Interior Design 5-IA** Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 1.5-IA	5	9	4	270 h	1 semester	Winter semester	German/ English

Courses in this module	CP	SWS	Attendance	Self-study
- Design Studio: Complex Spatial Design	9	4	45 h	225 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Reitz	Prof. Reitz, Prof. Wendland, Prof. Schoeller, Prof. Ern and others	15

Prerequisites
- Successful completion of BA 1.1 – BA 1.4
- Specialisation in interior architecture towards the end of semester 4

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a partially similar orientation (architecture, interior architecture, urban design, landscape architecture, design), subject to the relevant examination regulations.

Contents

Courses / teaching content

Design Studio: Complex Spatial Design
The course teaches conceptual and methodical designing in the field of interior architecture, taking into account complex functional and contextual interdependencies with a particular focus on aspects of interior design such as lighting and materials.
It promotes targeted research of different relevant subject areas.
It also addresses technical, ecological, social, cultural and aesthetic aspects.
The course applies teaching content from other modules.
It features an in-depth approach to key topics in the design process.
Furthermore, it focuses on the application of didactic presentation tools and targeted visualisation techniques.

Learning outcomes / competences acquired

Students are able to harmonise the diverse requirements of a complex interior design assignment in a design solution in terms of function and creativity.

They are able to develop a design conceptually and methodically after analytically determining the foundations and can work it up and present it in detail.
Students are able to relate their interior design to contemporary developments in interior architecture, design, culture and society.
The design may be based on the subject areas Object or Space and should have a corresponding focus.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 1.5.1-IA	Individual Architectural Design (interior design seminar)**	4 (4IDS)	Presentation incl. colloquium

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

** Lectures, individual feedback talks, colloquiums, on-site appointments if applicable

Grading of the module
The module consists of only one course. Therefore, the final grade of the module is identical to the grade of the examination of this course.

Weighting for overall grade
The module grade is worth 3.33 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / presentation incl. colloquium

Study programme: BA in Architecture

Module **Architectural and Interior Design 6-A** Final module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 1.6-A	6	16	4	480 h	1 semester	Winter / summer semester	German English if applicable

Courses in this module	CP	SWS	Attendance	Self-study
- Thesis: Architecture (incl. Written Part)	12	0	0 h	360 h
- Accompanying Bachelor's Forum	4	4	45 h	75 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Pütz	Prof. Pütz, Prof. Mueller, Prof. Pasing, Prof. Leeser, Prof. Niess, Prof. Schuster, Prof. Molestina, Prof. Frank and others	15

Prerequisites	Other programmes this module can be part of
- Successful completion of the modules of semesters 1–5. - Specialisation in architecture towards the end of semester 4	

Contents

Courses / teaching content

Thesis: Architecture (incl. Written Part)
The course teaches conceptual and methodical designing in the field of architecture, taking into account complex functions and contexts.
It promotes targeted research of different relevant subject areas.
It also addresses technical, ecological, cultural and aesthetic aspects.
The course applies teaching content from other modules.
It features an in-depth approach to key topics in the design process.
Furthermore, it focuses on the application of didactic presentation tools and targeted visualisation techniques.
Students must submit a detailed written thesis addressing the following aspects:

- design requirements
- analysis
- concept
- academic methodology
- means of representation

Accompanying Bachelor's Forum
Students receive individual supervision but also participate in group discussions at periodic colloquiums.
They are required to reflect on the independent organisation of working processes and methods.
They must also deliver presentations to promote and review key skills regarding the ability to analyse, develop, communicate and interact independently and critically.

Learning outcomes / competences acquired

Students are able to functionally and creatively implement the diverse requirements of a complex assignment that takes urban planning and architectural issues into account in a design plan.

They are able to develop a design conceptually and methodically after analytically determining the basis and can work it out and present it in detail.

Students can relate their design to contemporary developments in architecture, culture, society and the environment.

They are able to reflect on and explain in writing the design requirements, analysis and concept as well as working methods and means of representation.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades			
Course no.	**Course / form of teaching**	**SWS**	**Type of examination***
BA 1.6.1-A	Thesis: Interior Architecture (incl. Written Part)	0	Presentation incl. colloquium
BA 1.6.2-A	Accompanying Bachelor's Forum (architectural design seminar)**	4 (4ADS)	Presentation incl. colloquium (not graded)
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
** Individual feedback talks and colloquiums			
Grading of the courses The following aspects should be covered in the draft thesis and included in the grade accordingly: Idea, concept, method, implementation/realisation, media/layout/graphics The following aspects should be covered in the thesis colloquium and included in the grade accordingly: rhetoric, composition/structure, statement, ability to reflect, ability to think critically and take criticism			
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.		**Weighting for overall grade** The module grade is worth 8.89 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / presentation incl. colloquium			

Study programme: BA in Interior Architecture

Module **Architectural and Interior Design 6-IA** Final module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 1.6-IA	6	16	4	480 h	1 semester	Winter / summer semester	German English if applicable

Courses in this module	CP	SWS	Attendance	Self-study
- Thesis: Interior Architecture (incl. Written Part)	12	0	0 h	360 h
- Accompanying Bachelor's Forum	4	4	45 h	75 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Reitz	Prof. Reitz, Prof. Korschildgen, Prof. Wendland, Prof, Schoeller and others	15

Prerequisites
- Successful completion of the modules of semesters 1–5.
- Specialisation in interior architecture towards the end of semester 4

Other programmes this module can be part of

Contents

Courses / teaching content

Thesis: Interior Architecture (incl. Written Part)
The course teaches conceptual and methodical designing in the field of interior architecture, taking into account complex functions and contexts.
It promotes targeted research of different relevant subject areas.
It also addresses technical, ecological, cultural and aesthetic aspects.
The course applies teaching content from other modules.
It features an in-depth approach to key topics in the design process according to the specialisation chosen by the respective student.
Furthermore, it focuses on the application of didactic presentation tools and targeted visualisation techniques.
Students must submit a detailed written thesis addressing the following aspects:
- design requirements
- analysis
- concept
- academic methodology
- means of representation

Accompanying Bachelor's Forum
Students receive individual supervision but also participate in group discussions at periodic colloquiums.
They are required to reflect on the independent organisation of working processes and methods.
They must also deliver presentations to promote and review key skills regarding the ability to analyse, develop, communicate and interact independently and critically.

Learning outcomes / competences acquired

Students are able to functionally and creatively implement the diverse requirements of a complex assignment that takes both object and space into account in a design plan.
They are able to develop a design conceptually and methodically after analytically determining the basis and can work it out and present it in detail.
Students can relate their design to contemporary developments in architecture, culture, society and the environment.
They are able to reflect on and explain in writing the design requirements, analysis and concept as well as working methods and means of representation.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades			
Course no.	**Course / form of teaching**	**SWS**	**Type of examination***
BA 1.6.1-IA	Thesis: Interior Architecture (incl. Written Part)	0	Presentation incl. colloquium
BA 1.6.2-IA	Accompanying Bachelor's Forum (interior design seminar)**	4 (4IDS)	Presentation incl. colloquium (not graded)
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
** Individual feedback talks and colloquiums			
Grading of the courses The following aspects should be covered in the draft thesis and included in the grade accordingly: Idea, concept, method, implementation/realisation, media/layout/graphics The following aspects should be covered in the thesis colloquium and included in the grade accordingly: Rhetoric, composition/structure, statement, ability to reflect, ability to think critically and take criticism			
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.		**Weighting for overall grade** The module grade is worth 8.89 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / presentation incl. colloquium			

Study programme: BA in Architecture and Interior Architecture

Module **Architectural and Interior Design with Special Focus 1** Orientation module

Module number:	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 2.1	3	6	4	180 h	1 semester	Every winter semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Furniture Design	3	2	22.5 h	67.5 h
- Exhibition Architecture	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Vetter	Prof. Vetter, Prof. Wendland	20

Prerequisites
- Successful completion of BA 1.1 and BA 1.2

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (architecture, interior architecture, design, exhibition design), subject to the relevant examination regulations.

Contents

Courses / teaching content

Furniture Design
The course focuses on
- construction types, materials and structures of complex construction systems
- material-related and implementation-specific interdependencies
- fundamentals of furniture development
- modelling and prototyping
- typologies and history of furniture
- aesthetic, constructive and functional quality criteria for the assessment of furniture designs

Exhibition Architecture
The course is an introduction to design strategies for the development of pictorial spaces with commercial and cultural uses (museum, permanent exhibition, special exhibition, corporate museums, showrooms, exhibition stands, Expo projects, national exhibitions).

It teaches students to analyse and prepare theoretical content for dramaturgically and spatially usable constructions and interior designs.
Students are required to formulate objectives and develop a communication and mediation strategy.
They learn how to transform content into three-dimensional elements, spaces and buildings.

The course covers the development of a design up to a completed project and its representation.

Learning outcomes / competences acquired

Furniture Design
Students know of the fundamentals of constructive material-related correlations. They are capable of recognising different types of construction and present them in detail. They have basic knowledge of the constructive design of solids, objects and individual pieces of furniture, can incorporate this into design projects and recognise tensions with the respective space.

Exhibition Architecture
Using a concrete assignment as an example, students are able to translate theoretical principles into real pictorial and communicative spaces.
After taking stock, they can formulate a communication and mediation goal regarding the content.
Using the classical tools of architecture, they are able to apply graphic, media and scenic methods. They understand the complex interdependencies of content, space, effect, time, budget etc. as a basis of all design assignments in architecture.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades			
Course no.	**Course / form of teaching**	**SWS**	**Type of examination***
BA 2.1.1	Furniture Design (lecture+exercise)	2 (1L+1E)	Presentation
BA 2.1.2	Exhibition Design (lecture+exercise)	2 (1L+1E)	Presentation
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.		**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / presentation			

Study programme: BA in Architecture and Interior Architecture

Module **Architectural and Interior Design with Special Focus 2** Orientation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 2.2	4	9	6	270 h	1 semester	Every summer semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Building Typologies	3	2	22.5 h	67.5 h
- Urban Design	3	2	22.5 h	67.5 h
- Design and Construction in the Existing Context 1	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Molestina	Prof. Molestina, Prof. Leeser, Prof. Niess and others	20

Prerequisites
- Successful completion of BA 1.1 and BA 1.2

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (urban design, architecture, interior architecture, design, project development, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Building Typologies
Students analyse the laws of design in relation to individual functions. They explore architectural design in the context of usage typologies such as living, working, shopping and forms of learning or gathering. They discuss synergistic effects among different types of uses as well as innovative potentials and learn about the relationship between architectural concept and functionality by means of projects.

Urban Design
The course introduces the basic features of urban and landscape problems. Through walks and lectures, students become familiar with the morphology and phenomenology of urban space as well as its inherent typologies.

They study the social, economic and ecological interdependencies of city and landscape, their stakeholders and general conditions and examine their spatial consequences.

Design and Construction in the Existing Context 1
In advanced lectures, students receive an introduction to the field of design and construction in the existing context. The aspect of consciously analysing the interaction between old and new building stock plays a special role here.

Learning outcomes / competences acquired

Students expand their knowledge of architectural and interior design in terms of internal functional usage constraints (Building Typologies) and the contrasting external design context (Design and Construction in the Existing Context, Urban Design).

They are able to recognise architectural concepts under these different aspects and apply them in their own work.

Building Typologies
Students know the main features of different uses and function types and are able to translate those features into their own architectural concept and to describe them in the analysis of completed building projects.

Urban Design
Students are be able to recognise patterns of spatial design in urban structures and can abstract and order them typologically so as to interpret them in their own designs. They gain insight into the origins and the history of these spaces. The module raises awareness and sensitivity for city and landscape as human habitats. It provides a basic understanding of the historical development, the relationships of the stakeholders involved and the possibilities of planning interventions.

Design and Construction in the Existing Context 1
This course focuses on the fundamentals of the theoretical and historical derivation of ways to deal with existing building stock, including the origin of monument protection as well as practical aspects such as measurement and recording methods for stock and the basics of as-built drawings.
It also addresses architectural design methods and questions of interior design using contemporary buildings as an example.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 2.2.1	Building Typologies (lecture)	2 (2L)	Oral examination, written examination or written assignment
BA 2.2.2	Urban Design (lecture and exercise)	2 (2L)	Oral examination, written examination or written assignment
BA 2.2.3	Design and Construction in the Existing Context 1 (lecture)	2 (2L)	Oral examination, written examination or written assignment

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module	**Weighting for overall grade**
The module grade comprises three parts that are weighted according to the number of credits awarded.	The module grade is worth 5 % of the overall grade according to the CP awarded.

Requirements for award of credits
Passed module examination

Study programme: BA in Architecture and Interior Architecture

Module **Architectural and Interior Design with Special Focus 3** Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 2.3	1–6	8	7	240 h	Up to 6 semesters	Varies between winter and summer semester	German English if applicable

Courses in this module	CP	SWS	Attendance	Self-study
- Special Topics in Architecture (in English)	2	2	22.5 h	37.5 h
- Intra Muros: Project Week	1	1	11.25 h	18.75 h
- Intra Muros: Project Week	1	1	11.25 h	18.75 h
- Extra Muros: Excursion	1	1	11.25 h	18.75 h
- Extra Muros: Excursion	1	1	11.25 h	18.75 h
- Lecture Series: Faculties of Architecture and Design	2	1	11.25 h	48.75 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Joeressen	Various	20

Prerequisites
None

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a partially similar orientation, subject to the relevant examination regulations.

Contents

Courses / teaching content

Special Topics in Architecture (in English)
Students examine the relationship between interior architecture, architecture and urban design. Using theoretical texts, media representations of architecture, utopian projects and, above all, built projects, students reflect on the responsibility of architecture and develop methods for application in practice.

Intra Muros: Project Week
Throughout the study programme, students are required to take two Intra Muros courses.
The Intra Muros project week takes place every winter semester. All of the faculty's regular teaching activities are interrupted for this project week. The themed project week includes sessions in various forms, potentially from all subjects of the study programme.
The Faculty Council chooses each project week's theme – a different one each year.

Extra Muros: Excursion
Throughout the study programme, students are required to take two Extra Muros courses.
The Extra Muros excursion week takes place every summer semester. All of the faculty's regular teaching activities are interrupted for this excursion week. All teaching staff offer excursions with different topics and to different destinations. The choice ranges from typical educational trips to practical project weeks outside of HSD.

Lecture Series: Faculties of Architecture and Design
Weekly lecture from the subject areas of architecture and design for the purpose of forming a basic understanding of the connections between different design disciplines.

Learning outcomes / competences acquired

Special Topics in Architecture
Students master methods of researching scientific and design topics independently. They understand the significance of different architectural contexts and can discuss it in English.

Intra Muros: Project Week
Students are able to explore and grasp new topics quickly and to develop and implement relevant solution approaches.

Extra Muros: Excursion
Students understand the interdependencies between first draft and final construction as well as between theoretical planning and practical implementation.

Lecture Series: Faculties of Architecture and Design
Students understand the interdependencies of an extended design process in an interdisciplinary context.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 2.3.1	Special Topics in Architecture (in English) (lecture)	2 (1L + 1E)	Academic achievement not graded
BA 2.3.2	Intra Muros: Project Week	1	
BA 2.3.2	Intra Muros: Project Week	1	
BA 2.3.3	Extra Muros: Excursion	1	
BA 2.3.3	Extra Muros: Excursion	1	
BA 2.3.4	Lecture Series: Faculties of Architecture and Design (lecture)	1 (1L)	

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module
The module is not graded. However, students might need to provide some sort of academic achievement to pass the partial module – depending on the individual course.

Weighting for overall grade
The module is considered passed when all partial modules have been passed.
As the courses are not graded, there is no module grade to be awarded or included in the overall grade.

Requirements for award of credits
Confirmation of participation in the respective course.

Study programme: BA in Architecture and Interior Architecture

Module **Architectural Drawing and Presentation 1** Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 3.1	1	6	4	180 h	1 semester	Every winter semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Graphics 1 / CAD 2D	3	2	22.5 h	67.5 h
- Freehand Drawing	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Pasing	Prof. Pasing, Prof. Kullack and others	20

Prerequisites	Other programmes this module can be part of
- Admission to bachelor's programme Architecture and Interior Architecture	The module may also be taken as part of Other programmes with a similar orientation.

Contents

Courses / teaching content

Graphics 1 / CAD 2D
Spatial thinking and construction, an overview of 2D software and associated hardware as well as function, application examples and critical analysis of analogue drawing vs digital drawing are at the core of this course.
It also deals with site plans as well as plan, elevation and sectional drawings, dimension lines and detail drawings.
Students master the organisation of digital drawings. They study the interface with the existing output devices and become familiar with output and exchange formats.

Freehand Drawing
This course focuses on quick spatial/architectural sketches.
It is divided into a lecture and practical exercises.
The lecture covers the principles of sketchy, spatial-illusionist representation.
It includes examples from the history of art and architecture.
Topics of the exercises:
- Drawing – objects and individuals
- Isometric and perspective sketches
- Different techniques of architectural representation
- Different techniques of urban spatial representation
- Different abstraction techniques

Learning outcomes / competences acquired

The knowledge acquired enables students to present their design and construction drawings legibly, technically correctly, clearly and comprehensibly. They are able to process and edit drawings and understand the differences between design drawings and construction drawings.
They have mastered the organisation of digital drawings. They are familiar with the interface with the existing output devices.
The drawings are meant to support the ideas of the respective design assignment.

Freehand Drawing
The course teaches the fundamentals of freehand drawing. In lectures and exercises with an increasing degree of complexity, students practise spatial thinking and acquire various methods of representation.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library). Recommended standard literature:

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 3.1.1	Graphics 1 / CAD 2D (lecture+exercise)**	2 (1L+1E)	Presentation, oral examination or design assignment
BA 3.1.2	Freehand Drawing (lecture+exercise)	2 (1L+1E)	Written examination, presentation, oral examination or design assignment

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

** blended learning environment – e-learning portal	
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.	**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.
Requirements for award of credits Passed module examination / presentation	

Study programme: BA in Architecture and Interior Architecture

Module **Architectural Drawing and Presentation 2** — Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 3.2	1	6	5	180 h	1 semester	Winter semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Fundamentals of Design 1	6	5	56.25 h	123.75 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Kruse	Prof. Kruse, Prof. Joeressen	15

Prerequisites
- Admission to bachelor's programme Architecture and Interior Architecture

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (architecture, interior architecture, landscape architecture, art, design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Fundamentals of Design 1
Subject areas (in 2D and 3D):
- Perception and sensory training
- First material and spatial experience: Synaesthesia, space and light, space and colour, space and material, space and sound
- Visual perception: Physiology/psychology, perceptual phenomena, laws of design

- Number, measure, proportion
- Structure
- Shape, shape contrast, expression, meaning
- Spatial categories, object and space, proxemics

Interdisciplinary teaching content and topics:
- Expression
- Meaning
- Creativity
- Built environment analysis
- Analysis and criticism of own results

Learning outcomes / competences acquired

Fundamentals of Design 1 deals with selected topics in an introductory manner.

General learning objectives are:
- Training of the senses
- Promoting imagination and creativity
- Developing representational skills
- Acquiring knowledge of formal aesthetic laws and their areas of application
- Acquiring knowledge of methods of conceptualisation
- Developing the ability to judge
- Experiencing the importance of a designed environment in the social context

The main aim of the courses is not to establish patterns of action for solving specific design problems, but to raise awareness of fundamental issues in spatial design work and to develop artistic and intellectual interests and forms of expression.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 3.2.1	Fundamentals of Design 1 (lecture+seminar)**	5 (1L+4S)	Presentation, oral examination or design assignment

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

** Introductory lectures, exercises, presentations, individual feedback talks, colloquiums, on-site appointments if applicable, excursions

Grading of the module
The module consists of only one course. Therefore, the final grade of the module is identical to the grade of the examination of this course.

Weighting for overall grade
The module grade is worth 3.33 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / presentation

Study programme: BA in Architecture and Interior Architecture

Module **Architectural Drawing and Presentation 3** Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 3.3	2	6	4	180 h	1 semester	Every summer semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Graphics 2 / CAD 3D	3	2	22.5 h	67.5 h
- Building Typologies and Graphics	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Pasing	Prof. Pasing, Prof. Kullack and others	20

Prerequisites
- BA 3.1.1 Graphics 1

Other programmes this module can be part of
The module may also be taken as part of Other programmes with a similar orientation, subject to the relevant examination regulations.

Contents

Courses / teaching content

Graphics 2 / CAD 3D
Based on Graphics 1, students expand their CAD knowledge. They study the possibilities of three-dimensional representation, which allows them to examine and develop the spatial and atmospheric qualities of their design. They also become familiar with three-dimensional types of representation that convey the above-mentioned qualities graphically. Furthermore, the course introduces students to the logic of digital design. Digital design processes, intelligent components and parametric approaches in architecture, in conjunction with digital output devices, illustrate the potential computers have in the field of design.

Building Typologies and Graphics
The module introduces the fundamentals of presentation and deals with topics of image processing, layout, perspective theory. It imparts the necessary knowledge and skills in the analysis and presentation of concepts, ideas and collected data. The goal is to sharpen students' perception and to teach conceptual basics as well as methods for a reflective approach.

Alternation between analogue and digital modes of representation (sketch, collage, perspective, model, alternating between digital and analogue), image build-up, graphics, typography.

Learning outcomes / competences acquired

Graphics 2 / CAD 3D
Students are able to use a computer to create spatial designs. They can also display them in 3D. They understand the fundamentals of and general approach to computer-aided design and are familiar with the digital interfaces.
Students are also able to use communication tools and methods in a well-founded and targeted manner. They have acquired a variable graphic communication vocabulary which allows them to be flexible and versatile in their work.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 3.3.1	Graphics 2 / CAD 3D (lecture+exercise)**	2 (1L+1E)	Presentation incl. colloquium, presentation, oral examination or design assignment

BA 3.3.2	Building Typologies and Graphics (lecture+exercise)	2 (1L+1E)	Presentation incl. colloquium, presentation, oral examination or design assignment
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
** blended learning environment – e-learning portal			
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.		**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / presentation			

Study programme: BA in Architecture and Interior Architecture

Module **Architectural Drawing and Presentation 4** — Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 3.4	2	6	5	180 h	1 semester	Summer semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Fundamentals of Design 2	6	5	56.25 h	123.75 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Kruse	Prof. Kruse, Prof. Joeressen	15

Prerequisites
Recommended:
- BA 3.2

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (architecture, interior architecture, landscape architecture, art, design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Subject areas (in 2D and 3D):
- Spatial categories, object and space, proxemics
- Space-time movement
- Colour: Physics, colour orders, colour contrasts, colour reality, colour effect, colour and material, colour and form, colour and space, atmosphere
- Free design-artistic spatial experiments

Interdisciplinary teaching content and topics:
- Expression
- Meaning
- Creativity
- Built environment analysis
- Analysis and criticism of own results

Learning outcomes / competences acquired

Using new topics or topics already known from Fundamentals of Design 1, the Fundamentals of Design 2 course consolidates, deepens and expands the knowledge and skills gained in the winter semester.
General learning objectives are:
- Training of the senses
- Promoting imagination and creativity
- Developing representational skills
- Acquiring knowledge of formal aesthetic laws and their areas of application
- Acquiring knowledge of methods of conceptualisation
- Developing the ability to judge
- Experiencing the importance of a designed environment in the social context The main aim of the courses is not to establish patterns of action for solving specific design problems, but to raise awareness of fundamental issues in spatial design work and to develop artistic and intellectual interests and forms of expression.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 3.4.1	Fundamentals of Design 2 (lecture+seminar)**	5 (1L+4S)	Presentation, oral examination or design assignment

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

** Introductory lectures, exercises, presentations, individual feedback talks, colloquiums, on-site appointments if applicable, excursions

Grading of the module
The module consists of only one course. Therefore, the final grade of the module is identical to the grade of the examination of this course.

Weighting for overall grade
The module grade is worth 3.33 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / presentation

Study programme: BA in Architecture and Interior Architecture

Module **Building Technology 1** — Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 4.1	1	9	7	270 h	1 semester	Winter semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Fundamentals of Building Construction 1	6	5	56.25 h	123.75 h
- Construction Materials Science 1	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Mueller	Prof. Mueller, Prof. Ern, Prof. Pütz, Prof. Schoeller	15

Prerequisites
- Admission to bachelor's programme Architecture and Interior Architecture

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (architecture, interior architecture, landscape architecture and design), subject to the relevant examination regulations.

Contents

Courses / teaching content

Fundamentals of Building Construction 1
- Students learn the basic conditions of contemporary building construction.
- They study the interdependencies between construction and design.
- They get to know different construction methods ranging from solid to filigree construction.
- They study different types of construction and joining techniques.
- They learn how to produce scaled technical drawings and models of simple constructions.

Construction Materials Science 1
- Overview of construction material groups
- Technical dimension
- Possible applications
- Consequences / structural damage
- Historical dimension
- Design dimension

Learning outcomes / competences acquired

Fundamentals of Building Construction 1
Students know the possible applications of the most important construction materials. They are able to develop and illustrate simple structural interdependencies and to evaluate them with regard to their design.
In addition, they improve their ability to work in a team, their communication skills and their ability to work independently.
They are familiar with basic construction terminology, which is a prerequisite for teamwork and communication.

Construction Materials Science 1
Students have basic knowledge about material properties in terms of behaviour, forms of stress, possible applications and modifications. They are able to correctly illustrate their construction knowledge in conceptual, working and detail drawings as well as in modelling.
In the course of a design process, they are able to make fundamental qualified decisions regarding the selection of materials and the most suitable construction method.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library). Recommended standard literature:
Deplazes (ed.) Architektur konstruieren; Frick/Knöll (eds.) Baukonstruktionslehre 1+2; Schmitt/Heene Hochbaukonstruktion; Atlanten edited by Detail

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 4.1.1	Fundamentals of Building Construction 1 (lecture+seminar)	5 (2L+3S)	Oral examination, written examination or presentation incl. colloquium
BA 4.1.2	Construction Materials Science 1 (lecture)	2 (2L)	Oral examination, written examination or presentation incl. colloquium

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.	**Weighting for overall grade** The module grade is worth 5 % of the overall grade according to the CP awarded.
Requirements for award of credits Passed module examination / presentation	

Study programme: BA in Architecture and Interior Architecture

Module **Building Technology 2**

Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 4.2	2	9	7	270 h	1 semester	Summer semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Fundamentals of Building Construction 2	6	5	56.25 h	123.75 h
- Construction Materials Science 2	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Mueller	Prof. Mueller, Prof. Ern, Prof. Pütz, Prof. Schoeller	15

Prerequisites
- Successful completion of module BA 4.1

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (architecture, interior architecture, landscape architecture and design), subject to the relevant examination regulations.

Contents

Courses / teaching content

Fundamentals of Building Construction 2
- Students analyse and develop building elements composed of different construction materials such as walls, ceilings or roofs.
- They study different types of construction and superstructures, taking into account the constructional, design and building physics conditions of a design assignment.
- They learn how to integrate a construction into the overall structure of a design, taking into account constructional, material-specific and creative aspects.
- The course includes construction site and factory visits.

Construction Materials Science 2

The course specifically focuses on the following topics:
- Overview of the construction material groups/materials
- Technical dimension (physical, chemical, electrical)
- Possible applications
- Consequences / structural damage
- Historical dimension
- Design dimension
- Prototype application
- Fire protection aspects
- (Combination/semi-finished products)

Learning outcomes / competences acquired

Students have profound knowledge about material properties in terms of behaviour, forms of stress, possible applications and modifications. They are able to correctly illustrate their construction knowledge in conceptual, working and detail drawings using horizontal and vertical projections, as well as in modelling.
Within a design process, they are able to make fundamental qualified decisions regarding the selection of materials and the most suitable construction method, and to communicate these in a team using the required technical vocabulary.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Recommended standard literature:
Fundamentals of Building Construction
Deplazes (ed.) Architektur konstruieren; Frick/Knöll (eds.) Baukonstruktionslehre 1+2; Schmitt/Heene Hochbaukonstruktion; Atlanten edited by Detail

Forms of teaching, types of examination, grades			
Course no.	**Course / form of teaching**	**SWS**	**Type of examination***
BA 4.2.1	Fundamentals of Building Construction 2 (lecture+seminar)	5 (2L+3S)	Oral examination, written examination or presentation incl. colloquium
BA 4.2.2	Construction Materials Science 2 (lecture)	2 (2L)	Oral examination, written examination or presentation incl. colloquium
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.		**Weighting for overall grade** The module grade is worth 5 % of the overall grade according to the CP awarded.	
Requirements for award of credits Passed module examination / presentation			

Study programme: BA in Architecture and Interior Architecture

Module **Building Technology 3** Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 4.3	3	6	4	180 h	1 semester	Winter semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Interior Finishings and Construction	3	2	22.5 h	67.5 h
- Science of Structural Design 1	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Ackermann	Prof. Ackermann, Prof. Ern	20

Prerequisites
- Successful completion of modules 4.1 and 4.2

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (e.g. civil engineering).

Contents

Courses / teaching content

Interior Finishings and Construction
Based on the fundamentals acquired, the course imparts further knowledge of design, technical and structural interdependencies in interior finishings and construction. It focuses on the most important construction materials and building elements as structures and finishing systems typical for construction: partitions and plumbing walls, ceiling and wall linings, floor structures, finishing elements, doors, staircases. It also promotes the development of essential finishing elements in constructive interaction.

Science of Structural Design 1
At the beginning of the course, students learn the essential basic concepts of statics such as force, moment and equilibrium. Translating load-bearing elements into simple static systems, they study flexural load-bearing systems such as single-span beams, cantilever systems and hinged beams as well as statically indeterminate continuous beam systems. Students become familiar with the loads typically involved in construction, exploring the line of action of force in beam systems as well as the interdependencies between load, span, stresses and deformations visible on models. They trace forces geometrically, determine support reactions and internal forces and study the materialisation and dimensioning of structural members made of steel or wood.

Learning outcomes / competences acquired

Interior Finishings and Construction
Students acquire the necessary knowledge to analyse building elements with regard to their technical, physical and design properties and to apply them appropriately in the design context. They are able to represent the acquired knowledge in working and detail drawings and to adapt the level of detail to the respective scales. They are able to correctly illustrate this knowledge in conceptual, working and detail drawings as well as in modelling.

Science of Structural Design 1
- Students understand the structural principles for the design of load-bearing structures.
- They can identify and record load transfer via shear force, flexure and axial force in simple beam systems.
- They are familiar with the interdependencies between load, line of action of force, shape and proportion.
- They recognise static load-bearing systems:
Single-span beam
Cantilever beam
Hinged beam
Continuous beam
- They are able to pre-dimension beams made of steel or wood.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).
Recommended standard literature:
Science of Structural Design
Leicher, G.: Tragwerkslehre in Beispielen und Zeichnungen, Cologne 2014
Block, P. et al.: Faustformeln Tragwerksentwurf, Munich 2013
Kuff, P. et al.: Tragwerke als Elemente der Gebäude- und Innenraumgestaltung, Wiesbaden 2013
Engel, H.: Tragsysteme, Structure Systems, Ostfildern-Ruit 2006

Forms of teaching, types of examination, grades			
Course no.	**Course / form of teaching**	**SWS**	**Type of examination***
BA 4.3.1	Interior Finishings and Construction (lecture)	2 (2L)	Written or oral examination or written assignment
BA 4.3.2	Science of Structural Design 1 (lecture+exercise)	2 (1L+1E)	Written or oral examination or written assignment
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.		**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / presentation			

Study programme: BA in Architecture and Interior Architecture

Module **Building Technology 4** Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 4.4	3	6	4	180 h	1 semester	Winter semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Fundamentals of Technical Building Equipment	3	2	22.5 h	67.5 h
- Lighting Design 1	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Musall	Prof. Musall and others	20

Prerequisites
None

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (architecture, interior architecture, landscape architecture, design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Fundamentals of Technical Building Equipment
The course exemplifies the fundamentals and contemporary options of technical building equipment for heating, ventilation, cooling, drinking water heating, electrical and sanitary planning (bathroom, kitchen, fresh water, waste water and rainwater) as well as the use of renewable energies (PV, solar thermal etc.) including their secondary structures (shafts and pipes) and their structural requirements (e.g. sound and fire protection). Among other aspects it focuses on energy-saving approaches.

On this basis, the course discusses existing interdependencies with architecture and reveals options for the design and integration of technical systems in buildings.

It also teaches how to calculate and determine performance parameters. Furthermore, it highlights differences between residential and non-residential buildings.

Lighting Design 1
Fundamentals of light – biological effects, optical perception, spectra

Fundamentals of lighting engineering – basic parameters such as luminance, daylight factor, illuminance, glare, light colour

Fundamentals of daylight – planning of sidelight and skylight openings, simple dimensioning and arrangement; study of basic lighting effects by means of model investigations in the daylight laboratory

Fundamentals of artificial lighting – basic knowledge of lamps and luminaires, designing of simple artificial lighting plans

Learning outcomes / competences acquired

Fundamentals of Technical Building Equipment
Students have acquired basic knowledge of the options and requirements for air conditioning in buildings and the respective effects on the design process. They can recognise the correlation between systems used and the quality of use of rooms and buildings as well as the total energy demand of a building.

The integration of technical systems and their structures into design assignments has taught students how to dimension such systems and how to include them into their own building designs according to the relevant requirements. They have also acquired basic knowledge of integral planning. Students are enabled to generate synergistic effects and to make trade-offs.

Lighting Design 1
Students have basic knowledge of the bio-physiological and psychological effects of light and its effect on materials. They can roughly dimension and position daylight openings and assess their effects on the interior.

They are also able to clearly recognise the correlation between daylight supply, sun protection and energy input.

They have mastered the fundamentals of lamps and luminaires and can develop simple artificial lighting concepts on this basis.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).
Recommended standard literature:
Fundamentals of Technical Building Equipment:
Pistohl, W.; et al: Handbuch der Gebäudetechnik: Planungsgrundlagen und Beispiele Volume 1 – Allgemeines, Sanitär, Elektro, Gas; Bundesanzeiger Verlag, Cologne, 2016 / Pistohl, W.; et al: Handbuch der Gebäudetechnik: Planungsgrundlagen und Beispiele Volume 2 – Heizung, Lüftung, Beleuchtung, Energiesparen; Bundesanzeiger Verlag, Cologne, 2016 / Hegger, M.: Energie-Atlas: nachhaltige Architektur; Birkhäuser, Basel, 2008 / RWE-Energie-Aktiengesellschaft: RWE-Bau-Handbuch; EW Medien und Kongresse GmbH, Essen, 2015 / Bohne, D.: Technischer Ausbau von Gebäuden und nachhaltige Gebäudetechnik; Springer Vieweg, Wiesbaden, 2014 / Schittich, C.: Solares Bauen – Strategien, Visionen, Konzepte; Detail (ed.), Inst. für Internationale Architektur-Dokumentation, München, 2003

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 4.4.1	Fundamentals of Technical Building Equipment (lecture+exercise)**	2 (1L+1E)	Presentation incl. colloquium or written assignment
BA 4.4.2	Lighting Design 1 (lecture)	2 (1L+1E)	Presentation incl. colloquium or written assignment

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module	**Weighting for overall grade**
The module grade comprises two parts that are weighted according to the number of credits awarded.	The module grade is worth 3.33 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / presentation

Study programme: BA in Architecture and Interior Architecture

Module **Building Technology 5** — Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 4.5	4	9	6	270 h	1 semester	Every summer semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Building Construction	3	2	22.5 h	67.5 h
- Science of Structural Design 2	3	2	22.5 h	67.5 h
- Fundamentals of Building Physics	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Pütz	Prof. Pütz, Prof, Ackermann, Prof. Dr. Musall	20

Prerequisites
- Successful completion of BA 4.3

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (architecture, interior architecture, landscape architecture, design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Building Construction
The course specifically focuses on individual aspects of building construction such as:
- Building techniques determined by region and tradition
- Building with glass
- Building with plastics
- Textile building techniques
- System and element construction
- Work presentations

Science of Structural Design 2
In this course, students convert beams into truss beams subjected to tension and compression and statically analyse them. The course explains additional load-bearing systems for structural designs.

It illustrates the load transfer and line of action of hanging ropes, of arched structures and frame structures.

Using simplified pre-dimensioning methods for the respective system, students determine the proportions of building elements and their constructive designs.

They investigate the construction-relevant causes for the loss of stability of elements subjected to compression using load-bearing models.

They study the basic bracing principles of load-bearing structures.

The course also highlights the most important structural design properties of reinforced concrete floors.

Learning outcomes / competences acquired

Building Construction
Students have extended knowledge of traditional and current specific design techniques. They know the social and material background for the development of certain construction methods and can use this knowledge appropriately for their individual design work.

Science of Structural Design 2
- Students can optimise and divide flexural load-bearing systems into tension and compression elements.
- They know and understand the load-bearing systems hanging rope, arch and frame.
- They are familiar with the buckling behaviour and dimensioning of building elements subjected to compression.
- They are familiar with the structural behaviour and pre-dimensioning of reinforced concrete floors.
- They understand the bracing principles of load-bearing structures.

Students are given an overview of the most important load-bearing structures, which enables them to meet different requirements for a load-bearing structure and to implement those in well-proportioned designs.
This knowledge enables them to work out different load-bearing structures for a design assignment and to consider the consequences for a given construction task.
Their knowledge in statics and construction enables them to recognise, assess and technically evaluate the most important construction principles in architecture. Their knowledge about bracing principles and stability issues allows them to work out stable structural designs.

Fundamentals of Building Physics Students are familiar with the fundamentals and contemporary content of building physics. This includes knowledge of physical units and incorporating them in the calculation of thermal and moisture qualities and the associated dimensioning of external building elements. Furthermore, students have learnt ways to comply with thermal insulation regulations for winter and summer, the Energy Conservation Ordinance and the Renewable Energies Heat Act. They are also familiar with the (heat) balance calculation of buildings. They always consider the aforementioned aspects in terms of their interaction with the architecture, the building design and, above all, the user comfort (including thermal comfort). Environmental and indoor climate measuring devices are available to students to illustrate thermal, acoustic, solar and hydrological (usage) qualities. Students are familiar with sound level measurements, building thermography and airtightness tests.	**Fundamentals of Building Physics** Students have acquired basic knowledge of building physics and know how to classify the relevant legal, energy-related requirements as well as to provide the corresponding evidence for their compliance. This begins with the conception and dimensioning of building elements with regard to damage-free, energy-efficient, climate-appropriate and use-compliant construction and culminates in the calculation of specific characteristic values and simple energy balances. By incorporating the above-mentioned aspects into their own design assignments, students know the effects on the design process and have acquired the basic knowledge necessary for integral planning. Students are enabled to generate synergistic effects and to make trade-offs. Their subject-specific understanding serves as a basis for discussions with specialist engineers during the planning process.

Literature: Literature recommendations and research options will mostly be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library). Recommended standard literature:
Building Construction:
Bernhard Rudofsky, Architektur ohne Architekten / Stiftung Umwelt Einsatz Schweiz – Trockenmauern / Glasbau Atlas / Atlas Kunststoffe und Membranen / Schmiid-Testa, Bauen mit Systemen / Konrad Wachsmann, Wendepunkt im Bauen, current specialist journals (e.g. Detail, Bauwelt, Baumeister, deutsche Bauzeitung)
Science of Structural Design 2:
Leicher, G.: Tragwerkslehre in Beispielen und Zeichnungen, Cologne 2014 / Block, P. et al.: Faustformeln Tragwerksentwurf, Munich 2013 / Kuff, P. et al.: Tragwerke als Elemente der Gebäude- und Innenraumgestaltung, Wiesbaden 2013 / Engel, H.; Tragsysteme, Structure Systems, Ostfildern-Ruit, 2006
Fundamentals of Building Physics:
Pistohl, W. et al: Handbuch der Gebäudetechnik: Planungsgrundlagen und Beispiele Band 1 – Allgemeines, Sanitär, Elektro, Gas; Bundesanzeiger Verlag, Cologne, 2016 / Pistohl, W. et al.: Handbuch der Gebäudetechnik: Planungsgrundlagen und Beispiele Band 2 – Heizung, Lüftung, Beleuchtung, Energiesparen; Bundesanzeiger Verlag, Cologne, 2016 / Hegger, M.: Energie-Atlas: nachhaltige Architektur; Birkhäuser, Basel, 2008 / RWE-Energie-Aktiengesellschaft: RWE-Bau-Handbuch; EW Medien und Kongresse GmbH, Essen, 2015 / Duzia, T.: Basiswissen Bauphysik; Fraunhofer IRB Verlag, Stuttgart, 2014 / Bauer, M.: Green Building Leitfaden für nachhaltiges Bauen; Springer-Verlag, Berlin, 2013

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 4.5.1	Building Construction (lecture)	2 (2L)	Oral examination, written assignment or written examination
BA 4.5.2	Science of Structural Design 2 (lecture+exercise)	2 (1L+1E)	Oral examination, presentation incl. colloquium, written assignment or written examination
BA 4.5.3	Fundamentals of Building Physics (lecture+exercise)	2 (1L+1E)	Oral examination, presentation incl. colloquium, written assignment or written examination

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module The module grade comprises three parts that are weighted according to the number of credits awarded.	**Weighting for overall grade** The module grade is worth 5 % of the overall grade according to the CP awarded.

Requirements for award of credits
Passed module examination / presentation

Study programme: BA in Architecture and Interior Architecture

Module **Architectural Theory 1** — Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 5.1	1 / 2	6	4	180 h	2 semesters	Winter / summer semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Architectural History 1 (History of Architectural Eras and Styles)	3	2	22.5 h	67.5 h
- Architectural History 2 (History of Architectural Eras and Styles)	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Dr. Scheer	Prof. Dr. Scheer	135

Prerequisites
- Admission to bachelor's programme Architecture and Interior Architecture

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (art history, design, landscape architecture, urban design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Architectural History 1 (History of Architectural Eras and Styles)
The lecture provides an overview of the history of eras and styles ranging from antiquity to the baroque, with a special focus on architectural issues. The stylistic features of the eras are presented as an aesthetic expression of fundamental cultural issues that explicitly include political, sociological and philosophical aspects in addition to artistic and constructive ones.

Architectural History 2 (History of Architectural Eras and Styles)
The lecture provides an overview of the history of eras and styles ranging from neoclassicism to the 20th century, with a special focus on architectural issues. The stylistic features of the eras are presented as an aesthetic expression of fundamental cultural issues that explicitly include political, sociological and philosophical aspects in addition to artistic and constructive ones.

Learning outcomes / competences acquired

The aim of the course is for students to gain insight into the historical connection of aesthetic phenomena with a focus on the field of architecture. At the same time, it shows how the experiences of the past shape subsequent historical processes up to the present and that social, economic, technical and mentality-historical aspects have a direct impact on architecture.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 5.1.1	Architectural History 1 (History of Architectural Eras and Styles) (lecture)	2 (2L)	Written or oral examination
BA 5.1.2	Architectural History 2 (History of Architectural Eras and Styles) (lecture)	2 (2L)	Written or oral examination

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module The module concludes with a written or oral examination at the end of every summer semester, which takes the content of both lectures into account. The examination result is identical to the module grade.	**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.
Requirements for award of credits Passed module examination / written examination	

Study programme: BA in Architecture and Interior Architecture

Module **Architectural Theory 2** — Orientation module

Module number:	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 5.2	3 / 4	6	4	180 h	2 semesters	Winter / summer semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- Architectural History 3 (incl. Design History)	3	2	22.5 h	67.5 h
- Architectural History 4 (incl. History of Urban Design)	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Dr. Scheer	Prof. Dr. Scheer	135

Prerequisites
None

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a similar orientation (art history, landscape architecture, urban design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Architectural History 3
The lecture provides an overview of the architectural history of modernism and postmodernism against the backdrop of their theoretical reflection. Formal phenomena are conveyed as an expression of fundamental aesthetic, social, political and philosophical issues.

Architectural History 4
This lecture is an introduction to the history of urban design, its manifestations and its social, political and structural preconditions ranging from antiquity to the present.

Learning outcomes / competences acquired

Students have acquired a basic understanding of the origins of and the preconditions for modern architecture and urban design.
In the process, they have gained insight into how architecture and urban design are connected with the historical, social, general intellectual-historical and spatial context.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 5.2.1	Architectural History 3 (incl. Design History) (lecture)	2 (2L)	Written or oral examination
BA 5.2.2	Architectural History 4 (incl. History of Urban Design) (lecture)	2 (2L)	Written or oral examination

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module
The module usually concludes with a written examination at the end of every summer semester, which takes the content of both lectures into account. The examination result is identical to the module grade.

Weighting for overall grade
The module grade is worth 3.33 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / written examination

Study programme: BA in Architecture and Interior Architecture

Module **Architectural Theory 3** Basic module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 5.3	6	6	4	180 h	1 semester	Summer semester	German

Courses in this module	CP	SWS	Attendance	Self-study
- German Architectural and Construction Law	3	2	22.5 h	67.5 h
- Construction Management	3	2	22.5 h	67.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Dr. Scheer	Various	135

Prerequisites
None

Other programmes this module can be part of
The module may also be taken as part of all real-estate management study programmes, subject to the relevant examination regulations.

Contents

Courses / teaching content

German Architectural and Construction Law
The course gives an overview of the important legal regulations that form the statutory framework for architectural services (interior architectural services), in particular German architectural law (contract, liability, professional fees), German law of professional rules and regulations, German public building laws and regulations (*Bauplanungsrecht* and *Bauordnungsrecht*), German private building laws and regulations (contracts for work and labour according to the German Civil Code (BGB) and contracts according to German construction contract procedures (VOB)), copyright law. Within the individual areas of law, students have basic knowledge of the regulations that are important for them in the respective area and they know how to apply them.

Construction Management
The seminar provides an overview of all management tasks a planner faces in the course of an entire construction project. It addresses the objectives to be achieved by the project participants, the problems that can arise and the tools available to the planner to solve these tasks successfully. Based on the planning phases of the fee scale for architects and engineers (HOAI), students familiarise themselves with a planner's tasks in detail. The course pays special attention to the distinction between a planner's tasks and the responsibilities of other parties involved in a construction project. To this end, students compare the client's expectations to the actual service for which the planner is responsible. The course also highlights the tasks of the executing companies and teaches how they can be incorporated into the project in a technically and contractually secure manner.

Learning outcomes / competences acquired

Students have a basic overview of the planning and management tasks as well as the legal requirements involved in construction projects.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades			
Course no.	**Course / form of teaching**	**SWS**	**Type of examination***
BA 5.3.1	German Architectural and Construction Law (lecture)	2 (2L)	Written examination or assignment
BA 5.3.2	Construction Management (lecture)	2 (2L)	Written examination or assignment
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
Grading of the module The module grade comprises two parts that are weighted according to the number of credits awarded.		**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / written examination			

Study programme: BA in Architecture

Module **Compulsory Elective Module 1-A** Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 6.1-A	5	6	3	180 h	1 semester	Winter semester	German

1 compulsory elective module comprising 4 courses:	CP	SWS	Attendance	Self-study
- Instruments for Urban Planning	6	3	33.75 h	146.25 h
- Design and Construction in the Existing Context 2	6	3	33.75 h	146.25 h
- Landscape Design and Planning	6	3	33.75 h	146.25 h
- Housing	6	3	33.75 h	146.25 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Frank	Prof. Frank, Prof. Niess, Prof. Leeser and others	15

Prerequisites
- For Design and Construction in the Existing Context 2: Successful completion of Design and Construction in the Existing Context 1
- Specialisation in architecture towards the end of semester 4

Other programmes this module can be part of
Depending on the selected courses, the module may also be taken as part of other study programmes with a similar orientation, subject to the relevant examination regulations.

Contents

Courses / teaching content

Instruments for Urban Planning
Parameters of urban planning:
- Use, supply and transport structures
- Social dimension of urban spaces
- Real estate aspects of urban planning
- General urban planning legislation, urban land-use planning, transport planning
- Opportunities for action in urban and landscape planning
- Planning systematics, comparison of international practices
- Tools of interest negotiation, citizen participation, intervention strategies
- Process analyses of lived, built and managed space

Design and Construction in the Existing Context 2
Exercises: Analysis and recording of building stock
- Surveying methods
- Methods of manual measurement
- Methods of digital measurement
- Dealing with common 3D scanners and software
- Preparation of as-built drawings

Lecture: Planning methods in the existing context
- Methods of designing in the existing context
- Methods of planning in the existing context
- Methods of structural implementation in the existing context

Learning outcomes / competences acquired

Instruments for Urban Planning
Students are familiar with the fundamentals of urban and landscape planning and know how to use the corresponding planning tools.
They know the technical, legal and all other specific fundamentals of urban planning against the backdrop of the extensive conditional contexts of a city. They are able to assume a reflective attitude towards the dynamics of regulative, urban planning contexts and to transfer this attitude to architectural problems.

Design and Construction in the Existing Context 2
Students have learnt how to methodically analyse and record existing buildings. In doing so, they have analysed the processes of surveying and measuring theoretically, methodically and practically. Using 3D scanning, they know how to convert as-built drawings into building measurements.

When designing in the existing context, students recognise the differentiated planning requirements, can develop useful solution strategies and implement them accordingly. The aspect of consciously analysing the interaction between old and new building stock plays a special role here.

Landscape Design and Planning - Landscape elements: topography, vegetation, materials - Design elements of open space - Typology of open space - Types of landscape use: agricultural areas, settlement areas, traffic areas, protected areas - Large structures and landscape: city, industry, village, countryside, transport facilities, special areas - Conversion of architectural, railway and industrial areas - City and open space: green spaces, districts, city parks, fallow land, settlements as interfaces, open space, landscape - History of garden design **Housing** - Students present, discuss and analyse selected housing typologies. - They present, discuss and analyse housing and spatial concepts in the context of place, time and society. - They learn how to present the conceptual and structural typological focus in an analytical manner. - They learn to put all aspects into a greater cultural context. - The course promotes interdisciplinary knowledge transfer (students consider interdisciplinary areas of influence such as art, sociology, philosophy, construction, urban planning). - It includes visits to outstanding prime examples of residential buildings. - It also features visits to exhibitions.	**Landscape Design and Planning** Students have basic knowledge of landscape planning and landscape architecture, which helps them develop an understanding and judgement that is necessary to consider buildings, city and landscape as equally valid elements of our cultural landscape and to incorporate these into one's design work. **Housing** Students have in-depth knowledge of different housing typologies, housing forms as well as floor plan and spatial concepts. They have acquired the competence to recognise the conceptual core of the housing project studied and to represent it graphically and analytically. They are able to relate the housing projects studied to place, time and society and can put them into a greater cultural context.
Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).	

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 6.1.1	Instruments for Urban Planning (lecture+seminar)	3 (1L+2S)	Presentation and written assignment (documentation)
BA 6.1.2	Design and Construction in the Existing Context 2 (lecture+seminar)	3 (1L+2S)	Presentation and written assignment (documentation)
BA 6.1.3	Landscape Design and Planning (lecture+seminar)	3 (1L+2S)	Oral examination
BA 6.1.4	Housing (lecture+seminar)	3 (1L+2S)	Oral examination, written assignment, written examination

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module The compulsory elective module is considered passed if one course has been successfully completed in accordance with the examination requirements. The grade of the compulsory elective module is identical to that of the successfully completed course.	**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.
Requirements for award of credits Passed module examination / presentation	

Study programme: BA in Interior Architecture

Module **Compulsory Elective Module 1-IA** Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 6.1-IA	5	6	3	180 h	1 semester	Winter semester	German

1 compulsory elective module comprising 3 courses:	CP	SWS	Attendance	Self-study
- Design and Construction in the Existing Context 2	6	3	33.75 h	146.25 h
- Interior Design	6	3	33.75 h	146.25 h
- Spatial Communication	6	3	33.75 h	146.25 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Wendland	Prof. Wendland, Prof. Niess, Prof. Kullack and others	15

Prerequisites
- For Design and Construction in the Existing Context 2: Successful completion of Design and Construction in the Existing Context 1
- Specialisation in interior architecture towards the end of semester 4

Other programmes this module can be part of
Depending on the selected courses, the module may also be taken as part of other study programmes with a similar orientation (architecture, interior architecture, landscape architecture, design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Design and Construction in the Existing Context 2
Exercises: Analysis and recording of building stock
- Surveying methods
- Methods of manual measurement
- Methods of digital measurement
- Dealing with common 3D scanners and software
- Preparation of as-built drawings

Lecture: Planning methods in the existing context
- Methods of designing in the existing context
- Methods of planning in the existing context
- Methods of structural implementation in the existing context

Interior Design
The seminar puts an analytical focus on the archetypal language of construction materials with regard to outer appearances such as colour, texture, proportion, sensory stimuli etc. as well as in associative terms, e.g. traditions, clichés, potentials. Students consider effect and function/typology in their interdependencies. In a playful, experimental approach to construction materials, both individually and in context, they add new aspects to existing patterns of perception. Material qualities appear in a new light, triggering atmospheric visions.

Learning outcomes / competences acquired

Design and Construction in the Existing Context 2
Students have learnt how to methodically analyse and record existing buildings. In doing so, they have analysed the processes of surveying and measuring theoretically, methodically and practically. Using 3D scanning, they know how to convert as-built drawings into building measurements.

When designing in the existing context, students recognise the differentiated planning requirements, can develop useful solution strategies and implement them accordingly. The aspect of consciously analysing the interaction between old and new building stock plays a special role here.

Interior Design
- Students are aware of the atmospheric changeability of various construction materials in conjunction with ageing processes, surface finishes, combinations and adjacencies.
- They know sensual synaesthetic material components.
- They are able to analyse and judge materiality.
- They can put together individual, atmospherically expressive material compositions.

Spatial Communication Students are able to develop complex communications in architecture based on the teaching content from Exhibition Design. These can be trade fair or exhibition concepts as well as thematic installations or architectures with a narrative central theme (memorial architecture, corporate architecture, representative architecture, sales architecture etc.). Students have practised and are expected to adopt a critical-analytical approach to all available architectural means of communication and instruments. In doing so, they have transformed the content resulting from the communication goal into spatial concepts. In addition, they are able to develop individually sound (written, graphic, design) communication and presentation concepts in the sense of a design-architectural optimisation based on a catalogue of objectives.	**Spatial Communication** Students know and recognise the phenomenological impact of architecture and are able to use this knowledge critically, strategically and innovatively.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 6.1.3	Design and Construction in the Existing Context 2 (lecture+seminar)	3 (1L+2S)	Presentation and written assignment (documentation)
BA 6.1.5	Interior Design (lecture+seminar)	3 (1L+2S)	Presentation
BA 6.1.6	Spatial Communication (lecture+seminar)	3 (1L+2S)	Presentation

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module The compulsory elective module is considered passed if one course has been successfully completed in accordance with the examination requirements. The grade of the compulsory elective module is identical to that of the successfully completed course.	**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / presentation

Study programme: BA in Architecture

Module **Compulsory Elective Module 2-A** Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 6.2-A	5	5	2	150 h	1 semester	Winter semester	German

1 compulsory elective module comprising 4 courses:	CP	SWS	Attendance	Self-study
- Fundamentals of Design 3 A	5	2	22.5 h	127.5 h
- Fundamentals of Design 3 B	5	2	22.5 h	127.5 h
- Typologies	5	2	22.5 h	127.5 h
- Graphics 3 (CAD 3D/DTP)	5	2	22.5 h	127.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Kruse	Prof. Kruse, Prof. Joeressen, Prof. Pasing and others	15

Prerequisites
- BA 3.1, BA 3.3

Recommended:
- BA 3.2, BA 3.4

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a partially similar orientation (e.g. fine arts, design), subject to the relevant examination regulations.

Contents

Courses / teaching content

Fundamentals of Design 3 A

Fundamentals of Design 3 B
Every winter semester, the faculty offers two courses in parallel within the bachelor's programme.
The courses focus on the theoretical and practical elaboration of different aspects of spatial design that are particularly relevant for architectural design. The spectrum of possible topics ranges from the consideration of historical design theories and artistic forms of expression to practical, creative, spatial experiments and transmedial stagings on a scale of 1:1.

Learning outcomes / competences acquired

Fundamentals of Design 3 A

Fundamentals of Design 3 B
The courses aim to
- raise students' awareness for selected issues of spatial design work and their evaluation,
- enable students to determine their own creative, artistic and intellectual interests and means of expression,
- make students aware of the fact that the human experience and evaluation of designed objects depend on physiological and psychological conditions as well as on historical and cultural contexts,
- enable students to develop adequate forms of representation and documentation for design projects.

Typologies The course teaches the essential features of typological observation of architecture and the world of objects. Students become familiar with and practise methods, patterns of meaning, classification options and design-relevant references for concept development in built space. The course focuses on a phenomenological examination of society and the environment in relation to architecture. **Graphics 3 (CAD 3D/DTP)** The course deals with the creative and conceptual connection of content and its aesthetic, creative expression. The subject Graphics 3 teaches students how to use classical and new media synergistically for the purpose of individualising the forms of expression within architectural representation. Students examine methods of combining classical and modern design tools in an experimental and methodical way. They critically reflect on the significance of those tools for architectural design and representation, and study and apply them in design experiments.	**Typologies** The aim is to enable students to analyse, classify and order architecture in a broad context and to apply this knowledge to current contemporary design problems and further develop it. Furthermore, the course is meant to illustrate methods for transforming typological patterns of cognition individually and conceptually. **Graphics 3 (CAD 3D/DTP)** Students are able to develop their own complex forms of expression for ideas and concepts using highly individualised design methods.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 6.2.1	Fundamentals of Design 3 A (seminar)	2 (2S)	Presentation, oral examination or design assignment
BA 6.2.2	Fundamentals of Design 3 B (seminar)	2 (2S)	Presentation, oral examination or design assignment
BA 6.2.3	Typologies (lecture+seminar)	2 (1L+1S)	Written assignment or examination
BA 6.2.4	Graphics 3 (CAD 3D/DTP) (seminar)	2 (2S)	Presentation incl. colloquium

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module The compulsory elective module is considered passed if one course has been successfully completed in accordance with the examination requirements. The grade of the compulsory elective module is identical to that of the successfully completed course.	**Weighting for overall grade** The module grade is worth 2.77 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / presentation

Study programme: BA in Interior Architecture

Module **Compulsory Elective Module 2-IA** Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 6.2-IA	5	5	2	150 h	1 semester	Every winter semester	German

1 compulsory elective module comprising 3 courses:	CP	SWS	Attendance	Self-study
- Fundamentals of Design 3	5	2	22.5 h	127.5 h
- Graphics 3 (CAD 3D/DTP)	5	2	22.5 h	127.5 h
- Typography and Graphics	5	2	22.5 h	127.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Kruse	Prof. Kruse, Prof. Joeressen, Prof. Pasing and others	15

Prerequisites
- BA 3.1, BA 3.3

Recommended:
- BA 3.2, BA 3.4

Other programmes this module can be part of
The module may also be taken as part of other study programmes with a partially similar orientation (e.g. fine arts, design), subject to the relevant examination regulations.

Contents

Courses / teaching content

Fundamentals of Design 3
The courses focus on the theoretical and practical elaboration or advancement of different aspects of spatial design work that are particularly relevant for architectural design. The spectrum of possible topics ranges from the consideration of historical design theories and artistic forms of expression to practical, design-spatial experiments and transmedial stagings on a scale of 1:1.

Graphics 3 (CAD 3D/DTP)
The course deals with the creative and conceptual connection of content and its aesthetic, creative expression.
The subject Graphics 3 teaches students how to use classical and new media synergistically for the purpose of individualising the forms of expression within architectural representation.
Students examine methods of combining classical and modern design tools in an experimental and methodical way. They critically reflect on the significance of those tools for architectural design and representation, and study and apply them in design experiments.

Typography and Graphics
This course focuses on typography and graphics as a means of design representation and communication.

Learning outcomes / competences acquired

Fundamentals of Design 3
The courses aim to
- raise students' awareness for selected issues of spatial design work and their evaluation,
- enable students to determine their own creative, artistic and intellectual interests and means of expression,
- make students aware of the fact that the human experience and evaluation of designed objects depend on physiological and psychological conditions as well as on historical and cultural contexts,
- enable students to develop adequate forms of representation and documentation for design projects.

Graphics 3 (CAD 3D/DTP)
Students are able to develop their own complex forms of expression for ideas and concepts using highly individualised design methods.

Typography and Graphics
Students are able to lay out their presentations and upgrade them graphically with diagrams and set type.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 6.2.1	Fundamentals of Design 3 (seminar)	2 (2S)	Presentation, oral examination or design assignment

BA 6.2.4	Graphics 3 (CAD 3D/DTP) (seminar)	2 (2S)	Presentation incl. colloquium
BA 6.2.5	Typography and Graphics (seminar)	2 (2S)	Design assignment
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
Grading of the module The compulsory elective module is considered passed if one course has been successfully completed in accordance with the examination requirements. The grade of the compulsory elective module is identical to that of the successfully completed course.		**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / presentation			

Study programme: BA in Architecture

Module **Compulsory Elective Module 3-A** Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 6.3	5	5	2	150 h	1 semester	Winter semester	German

1 compulsory elective module comprising 4 courses:	CP	SWS	Attendance	Self-study
- System Buildings and Façades	5	2	22.5 h	127.5 h
- Ecology and Energy	5	2	22.5 h	127.5 h
- Digital Design, Planning and Construction	5	2	22.5 h	127.5 h
- Lighting Design 2	5	2	22.5 h	127.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Schuster	Prof. Schuster, Prof. Dr. Musall and others	15

Prerequisites
For Lighting Design 2: successful completion of Lighting Design 1

Other programmes this module can be part of
Depending on the selected courses, the module may also be taken as part of other study programmes with a partially similar orientation (urban design, landscape architecture, design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

System Buildings and Façades
The course addresses the following aspects:
- historical development
- fields of application
- creative potentials
- economic aspects

Ecology and Energy
Students discuss the various aspects of sustainable, energy-efficient and ecological building design and use and, subsequent to some research, examine these aspects in depth on the basis of small designs. The course highlights the impact of individual aspects such as location, use, cubage, building materials, building envelope or refurbishment, including renewable energy concepts, on different energy building standards and overall energy balances.

Digital Design, Planning and Construction
Students learn to regard designing, planning and building as a holistic digital process. They become familiar with all individual steps and further develop them independently based on a small study object. They learn to regard planning and building as part of a continuous digital design and production chain.

Lighting Design 2
The course addresses daylight and artificial lighting design in further detail in project-related subject areas.

Learning outcomes / competences acquired

System Buildings and Façades
Students are able to independently and methodically analyse the usefulness of prefabricated or temporary construction techniques, taking into account both economic and design aspects, and to apply them if necessary. In other words, after critical consideration of all requirements, they can work out solutions independently and concretise them in different scales.

Ecology and Energy
Research on and discussions about selected topics of sustainable, energy-efficient and ecological building design based on built examples give students an in-depth impression of options in this thematic block. By involving the university library, the course also teaches the fundamentals of literature research and academic working practices. The design assignments help students transfer content they have identified in their research and expand it through their own assessments. They are able to recognise to what extent sustainability, energy efficiency or ecology are relevant and which design methods are most suitable for achieving the desired results.

Digital Design, Planning and Construction
Students understand the links between designing/planning and construction subject to and with special consideration of digital tools.

Lighting Design 2
Students are able to optimise daylight irradiation/sun protection/use of artificial lighting/resource consumption and have an overview of the most important types of daylight and artificial lighting systems.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 6.3.1	System Buildings and Façades (seminar)	2 (2S)	Presentation incl. colloquium or written assignment
BA 6.3.2	Ecology and Energy (seminar)	2 (2S)	Presentation incl. colloquium or written assignment
BA 6.3.3	Digital Design, Planning and Construction (seminar)	2 (2S)	Presentation incl. colloquium or written assignment
BA 6.3.4	Lighting Design 2 (seminar)	2 (2S)	Written assignment

* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.

Grading of the module
The compulsory elective module is considered passed if one course has been successfully completed in accordance with the examination requirements.
The grade of the compulsory elective module is identical to that of the successfully completed course.

Weighting for overall grade
The module grade is worth 3.33 % of the overall grade according to the credits awarded.

Requirements for award of credits
Passed module examination / presentation

Study programme: BA in Interior Architecture

Module **Compulsory Elective Module 3-IA** Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 6.3-IA	5	5	2	150 h	1 semester	Winter semester	German

1 compulsory elective module comprising 4 courses:	CP	SWS	Attendance	Self-study
- Lighting Design 2	5	2	22.5 h	127.5 h
- Furniture and Product Design	5	2	22.5 h	127.5 h
- Temporary Spaces	5	2	22.5 h	127.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Wendland	Prof. Wendland, Prof. Kullack and others	15

Prerequisites
For Lighting Design 2: successful completion of Lighting Design 1

Other programmes this module can be part of
Depending on the selected courses, the module may also be taken as part of other study programmes with a partially similar orientation (urban design, landscape architecture, design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Lighting Design 2
The course addresses daylight and artificial lighting design in further detail in project-related subject areas.

Furniture and Product Design
- Analysis and typologies
- Conception and production parameters
- Design assignment with a focus on space
- Incorporation of design parameters such as ergonomics, innovation, visualisation, construction and materiality

Temporary Spaces
The seminar deals with different types of temporary spaces and buildings. These include scenic spaces, spatial interventions, pop-up spaces and other provisional spaces as well as media and mobile spaces. Alongside spatial and design aspects, the course addresses the corresponding typologies and construction systems on which these spaces and buildings are based. The main focus lies on topics such as modular and assembly systems, lightweight construction or prefabricated building elements. With reference to these different temporary fields of application, students familiarise themselves with requirement profiles, historical developments, design potentials, construction principles and economic/ecological aspects.

Learning outcomes / competences acquired

Lighting Design 2
Students are able to optimise daylight irradiation/sun protection/use of artificial lighting/resource consumption and have an overview of the most important types of daylight and artificial lighting systems.

Furniture and Product Design
Students are able to familiarise themselves with specific sub-areas of furniture and product design. They have a basic understanding of typologies as well as of design and production parameters.

Temporary Spaces
Students are methodically enabled to independently analyse the opportunities and usefulness of temporary building techniques and spatial concepts, taking into account cultural, socio-economic and design aspects, and to apply them in exemplary planning. After critical consideration of all requirements and potentials, they can work out appropriate solutions independently and concretise them in different scales.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*

BA 6.3.4	Lighting Design 2 (seminar)	2 (2S)	Written assignment
BA 6.3.5	Furniture and Product Design (seminar)	2 (2S)	Presentation or presentation incl. colloquium
BA 6.3.6	Temporary Spaces (seminar)	2 (2S)	Presentation
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
Grading of the module The compulsory elective module is considered passed if one course has been successfully completed in accordance with the examination requirements. The grade of the compulsory elective module is identical to that of the successfully completed course.		**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / presentation			

Study programme: BA in Architecture

Module **Compulsory Elective Module 4-A** — Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 6.4-A	5	5	2	150 h	1 semester	Winter semester	German

1 compulsory elective module comprising 4 courses:	CP	SWS	Attendance	Self-study
- Architectural History 4	5	2	22.5 h	127.5 h
- Architectural Theory	5	2	22.5 h	127.5 h
- Theory and Spatial Design	5	2	22.5 h	127.5 h
- Selected Topics in Theory	5	2	22.5 h	127.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Dr. Scheer	Prof. Dr. Scheer and others	15

Prerequisites
None

Other programmes this module can be part of
Depending on the selected courses, the module may also be taken as part of other study programmes with a partially similar orientation (urban design, landscape architecture, design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Architectural History 4
The lecture provides an overview of the architectural history of the most recent past against the backdrop of its theoretical reflection.
Formal phenomena are conveyed as an expression of fundamental aesthetic, social, political and philosophical issues.

Architectural Theory
The course introduces students to selected theories and architectural concepts from antiquity to the present.
It addresses the intellectual framework, theories and interpretative patterns that have been crucial in shaping architecture. Particular focus is placed on getting to know the basic architectural principles and categories rather than on the history of architectural theory.

Theory and Spatial Design
The course presents the basic methods and procedures for designing structures in their historical and contemporary as well as systematic context.

This includes addressing the variety of possible strategic design approaches and discussing them with regard to the conditions and possibilities of their use.

Selected Topics in Theory
The course focuses on current theoretical areas of design in the context of architecture and interior architecture.
Students analyse examples of fundamental methods and procedures (e.g. space and psychology).

Learning outcomes / competences acquired

Architectural History 4 / Architectural Theory
Students have a basic understanding of the causes and conditions for the development of architecture and improve their ability to make judgements. The module imparts the necessary fundamental knowledge of architectural theory, architectural history and art history and enables students to reflect on the challenges of contemporary architecture in a historical, systematic context. They can thus interpret architecture appropriately and use their theoretical considerations for their own designs.

Theory and Spatial Design
Students have basic theoretical and methodological knowledge in different design disciplines.

Selected Topics in Theory
Students have basic theoretical knowledge about a topic of the current architectural debate.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades			
Course no.	**Course / form of teaching**	**SWS**	**Type of examination***
BA 6.4.1	Architectural History 4 (seminar)	2 (2S)	Written assignment or oral examination
BA 6.4.2	Architectural Theory (seminar)	2 (2S)	Written assignment or oral examination
BA 6.4.3	Theory and Spatial Design (seminar)	2 (2S)	Written assignment or oral examination
BA 6.4.4	Selected Topics in Theory (seminar)	2 (2S)	Written assignment or oral examination
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
Grading of the module The compulsory elective module is considered passed if one course has been successfully completed in accordance with the examination requirements. The grade of the compulsory elective module is identical to that of the successfully completed course.		**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / presentation			

Study programme: BA in Interior Architecture

Module **Compulsory Elective Module 4-IA** Specialisation module

Module number	Semester	ECTS credits	SWS	Workload	Duration	Offered in	Language of instruction
BA 6.4-IA	5	5	2	150 h	1 semester	Winter semester	German

1 compulsory elective module comprising 3 courses:	CP	SWS	Attendance	Self-study
- Architectural History 4	5	2	22.5 h	127.5 h
- Architectural Theory	5	2	22.5 h	127.5 h
- Theory and Spatial Design	5	2	22.5 h	127.5 h

Person responsible for the module	Regular teaching staff	Suggested group size
Prof. Dr. Scheer	Prof. Dr. Scheer and others	15

Prerequisites
None

Other programmes this module can be part of
Depending on the selected courses, the module may also be taken as part of other study programmes with a partially similar orientation (urban design, landscape architecture, design, …), subject to the relevant examination regulations.

Contents

Courses / teaching content

Architectural History 4
The lecture provides an overview of the architectural history of the most recent past against the backdrop of its theoretical reflection.
Formal phenomena are conveyed as an expression of fundamental aesthetic, social, political and philosophical issues.

Architectural Theory
The course introduces students to selected theories and architectural concepts from antiquity to the present.
It addresses the intellectual framework, theories and interpretative patterns that have been crucial in shaping architecture. Particular focus is placed on getting to know the basic architectural principles and categories rather than on the history of architectural theory.

Theory and Spatial Design
The course presents the basic methods and procedures for designing structures in their historical and contemporary as well as systematic context.
This includes addressing the variety of possible strategic design approaches and discussing them with regard to the conditions and possibilities of their use.

Learning outcomes / competences acquired

Architectural History 4 / Architectural Theory
Students have a basic understanding of the causes and conditions for the development of architecture and improve their ability to make judgements. The module imparts the necessary fundamental knowledge of architectural theory, architectural history and art history and enables students to reflect on the challenges of contemporary architecture in a historical, systematic context.
They can thus interpret architecture appropriately and use their theoretical considerations for their own designs.

Theory and Spatial Design
Students have basic theoretical and methodological knowledge in different design disciplines.

Literature: Literature recommendations and research options will be provided with reference to the relevant topic at the beginning of the semester (list of recommended literature and/or section comprising a selection of key texts in the library).

Forms of teaching, types of examination, grades

Course no.	Course / form of teaching	SWS	Type of examination*
BA 6.4.1	Architectural History 4 (seminar)	2 (2S)	Written assignment or oral examination

BA 6.4.2	Architectural Theory (seminar)	2 (2S)	Written assignment or oral examination
BA 6.4.3	Theory and Spatial Design (seminar)	2 (2S)	Written assignment or oral examination
* The ECTS credits and credit hours per week (SWS) for examinations are included in the courses. Credits for the courses are only awarded after the student has successfully passed the examination.			
Grading of the module The compulsory elective module is considered passed if one course has been successfully completed in accordance with the examination requirements. The grade of the compulsory elective module is identical to that of the successfully completed course.		**Weighting for overall grade** The module grade is worth 3.33 % of the overall grade according to the credits awarded.	
Requirements for award of credits Passed module examination / presentation			