Bachelor's degree in Architecture, Trier University of Applied Sciences: Study plan (subject-specific study and examination regulations 2025)

	1		2		3		4		5		6		Summe		
	SWS	LP (ECTS)	SWS	LP (ECTS)	SWS	LP (ECTS)	SWS	LP (ECTS)	SWS	LP (ECTS)	SWS	LP (ECTS)	SWS	LP (ECTS)	Gewicht
Pflichtmodule															
Entwerfen I	6,5	**10**											6,5	**10**	1
Tragwerkslehre I - Grundlagen	3,5	**5**											3,5	**5**	1
Konstruieren I	3,5	**5**											3,5	**5**	1
Architekturzeichnung, Bau und Kunstgeschichte I	3,5	**5**											3,5	**5**	1
Darstellung I	3,5	**5**											3,5	**5**	1
Entwerfen II - Basisprojekt			6,5	**10**									6,5	**10**	1
Tragwerkslehre II - Materialtechnologie			3,5	**5**									3,5	**5**	1
Konstruieren II			3,5	**5**									3,5	**5**	1
Bau- und Kunstgeschichte II			3,5	**5**									3,5	**5**	1
Darstellung II			3,5	**5**									3,5	**5**	1
Entwerfen III - Kleines Gebäude					6,5	**10**							6,5	**10**	1
Digitale Darstellungsformen					3,5	**5**							3,5	**5**	1
Konstruieren III					3,5	**5**							3,5	**5**	1
Architektur im städtischen Kontext					3,5	**5**							3,5	**5**	1
Fachbereich Gestaltung Interdisziplinäre Projektwoche I					2	**3**							2	**3**	1
Entwerfen im Ensemble							6,5	**10**					6,5	**10**	1
Gebäudelehre I							3,5	**5**					3,5	**5**	1
Konstruieren IV - Bauphysik							3,5	**5**					3,5	**5**	1
Architektur im historischen Kontext							3,5	**5**					3,5	**5**	1
Exkursion							2	**3**					2	**3**	1
Großes Gebäude									6,5	**10**			6,5	**10**	1
Gebäudelehre II									3,5	**5**			3,5	**5**	1
Konstruieren V									3,5	**5**			3,5	**5**	1
Planungs- und Baurecht I									3,5	**5**			3,5	**5**	1
Fachbereich Gestaltung Interdisziplinäre Projektwoche II									2	**3**			2	**3**	1
Seminar zur Abschlussarbeit											3,5	**5**	3,5	**5**	1
Konstruieren VI											3,5	**5**	3,5	**5**	1
Planungs- und Baurecht II											3,5	**5**	3,5	**5**	1
Summe	20,5	**30**	20,5	**30**	19	**28**	19	**28**	19	**28**	10,5	**15**	108,5	**159**	28
Wahlpflichtmodule															
Wahlpflichtmodule*					2	**3**	2	**3**	2	**3**	2	**3**	8	**12**	4
Summe					2	**3**	2	**3**	2	**3**	2	**3**	8	**12**	4
Abschlussarbeit											2	**6**	2	**6**	1
Kolloquium über die Abschlussarbeit											1,5	**3**	1,5	**3**	1
Summe Abschlussarbeit											3,5	**9**	3,5	**9**	2
Summe ges.	20,5	**30**	20,5	**30**	21	**31**	21	**31**	21	**31**	16	**27**	120	**180**	34

Informationen

* Der Prüfungsausschuss des Studiengangs Architektur im Fachbereich Gestaltung veröffentlicht am Ende eines jeden Semesters für den Bachelorstudiengang "Architektur" einen Katalog mit dem Angebot der Wahlpflichtmodule des folgenden Semesters.

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EXPLANATION OF PORTFOLIO ASSESSMENTS

The Architecture program specifies the following portfolio assessment format for its Bachelor's program in Architecture:

Portfolio reviews demonstrate the ability to carry out creative projects, from research to the finished project result. The portfolio assessment includes documentation of one or more projects developed within the module, typically covering research, brainstorming, a detailed description of the development process, the application of the project results, the results themselves, and an outlook on further work. A presentation may be part of a portfolio assessment.
The scope and components of the portfolio assessment will be announced by the respective examiners at the beginning of the semester or at the beginning of the course.

The workload for the portfolio assessment shall not exceed two-thirds of the total student workload for the respective module.

DESIGN

Module title: Design I				**Module no.: BAR 1.1**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	1st semester	☒ Every winter semester ☐ Every summer semester ☐ as needed		10 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise, project		6.5 hours per week / 97.5 hours	202.5 hours	300 hours	

Competence goals (learning outcomes)

- Students possess the basic ability to think, understand, and act in terms of spatial architecture.
- They have a basic knowledge of elementary phenomena, elements, and properties of architectural space.
- They have adequate knowledge of the relevant regulations governing the dimensioning of rooms.
- Students learn to be open to exploring unknown conditions.
- They possess the ability to abstract and simplify complex forms, as well as basic knowledge of issues and fundamentals of spatial organization.
- They are able to analyze, formulate, and present basic design methodology approaches in response to simple, limited tasks.

Contents

- Spatial theories and design principles are taught. A holistic understanding of architecture as part of the environment, basic human needs, and culture is developed.
- Through the analysis of selected examples of past and present architecture, students gain insight into the phenomenology of architectural space and spatial organization.
- Exercises focusing on space, abstraction, and design train students to take a creative and intuitive approach.
- The basic principles of architectural design are developed through the examination of typical aspects such as form, climate, construction, social form, spatial sequence, and experimental use of materials.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Recommended degree program

Introduction to Architectural Design – relevant for all degree programs in the Department of Design

Recommended prerequisites for participation

None

Examination	Prerequisite for the award of ECTS

☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. presentation ☐ Seminar and term paper ☐ Practical examination	At least satisfactory Passed exam
Instructor		Module coordinator
Prof. Andrea Wandel		Prof. Andrea Wandel
Literature/learning aids		
▪ Francis D.K Ching: The Art of Architectural Design as a Harmony of Form, Space, and Order / Bauverlag, Berlin, 1986 ▪ Hélène Binet, et al.: The Secret of Shadow, Light and Shadow in Architecture / DAM Ernst Wasmuth Verlag, Berlin, 2002 ▪ Christian Schittich: Interiors, Light, Material. Edition Detail / Birkhäuser, Basel, 2002 ▪ Marc Angélil, Dirk Hebel: Deviations: Architectural Design – A Handbook / Birkhäuser, Basel, 2009 ▪ Thomas Jocher: Raumpilot, Fundamentals / Krämer Verlag, Stuttgart, 2010 ▪ Ernst Neufert: Building Design Theory / Springer Vieweg, 2025		
Maximum number of participants		
25		
Status: WS 2025/2026		

Module title: Design II – Basic Project				**Module no.: BAR 1.2**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	2nd semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		10 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Seminar, exercise, project		6.5 hours per week / 97.5 hours	202.5 hours	300 hours	

Competency goals (learning outcomes)

- Students can structure and analyze architectural tasks. They use open-mindedness as a method and can specify a manageable design task in terms of concept and technical implementation.
- They are able to transfer knowledge into practical action, develop problem-solving strategies, and take a holistic view of individual aspects.
- They are able to evaluate and present their own work and have the ability to work on projects in a group.

Contents

- Through topic-related "research-based" project work, students learn about design, construction, and implementation, right through to the documentation and communication of a spatial object.
- Supplementary design exercises accompany and deepen specific aspects of the module.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Recommended degree program

Subject-specific architecture

Recommended prerequisites for participation

BAR 1.1 Design I.

Examination		Prerequisite for the award of ECTS
☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. Presentation ☐ Seminar paper and term paper ☐ Practical examination	Minimum grade of satisfactory Examination performance
Instructor		Module coordinator
Variable; professors of the architecture program		Prof. Andrea Wandel

Literature/learning aids

- Jörg Dünne, Stephan Günzel: *Raumtheorie (Space Theory)*. Suhrkamp, 2006
- Peter Eisenman: *Ten Canonical Buildings: 1950-2000 /* Rizzoli International Publications, 2008
- Peter Ebner: *Typology + Innovative Housing Construction /* Birkhäuser, Basel, 2009
- Thomas Jocher: *Raumpilot /* Krämer, Stuttgart, 2010
- Friederike Schneider, Oliver Heckmann: *Floor Plan Atlas for Residential Construction*. 4th edition / Birkhäuser, Basel, 2011
- Marc Angélil, Dirk Hebel: *Architectural Design /* Birkhäuser, Basel, 2008
- Bert Bielefeld, Sebastian El Khouli: *Design Idea /* Birkhäuser, Basel, 2010
- Christian Gänshirt: *Tools for Ideas /* Walter de Gruyter, 2012
- Oliver Heckmann, Friederike Schneider: *Floor Plan Atlas for Residential Construction /* Walter de Gruyter, 2011
- Ernst Neufert: *Building Design Theory* / Springer Vieweg, 2025
- In addition, a project-specific bibliography will be provided as an appendix to the assignment.

Maximum number of participants
17
Status: WS 2025/2026

Module title: Design III – Small Buildings				**Module no.: BAR 1.3**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	3rd semester	☒ Every winter semester ☐ Every summer semester ☐ as needed		10 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Seminar, project		6.5 hours per week / 97.5 hours	202.5 hours	300 hours	

Competence goals (learning outcomes)

- Students will be able to realize a creative design synthesis of architectural space and spatial uses.
- You have the ability to concretize design within the framework of contextual conditions, programmatic requirements, and sequences of actions.
- You understand the fundamental relationships between spatial design, construction, use, and building technology.
- Students are able to continuously review and develop their design work using spatial sketches of their design ideas.
- They are able to present their designs in (CAAD) drawings, models, texts, and oral presentations using visualization and articulation.

Contents

- Students deal with contextual (natural, material, built, immaterial) conditions, programmatic and spatial allocations. The respective task is analyzed and discussed.
- The basic relationships between space, access, and light are developed by designing function-oriented floor plans and room sizes.
- The design project involves making structural and material-related decisions regarding the building envelope and building services, as well as fundamental aspects of sustainability.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective
Recommended degree program		
Subject-specific architecture		
Recommended prerequisites for participation		
BAR 1.1 Design I		

Examination		Prerequisite for the award of ECTS
☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. presentation ☐ Seminar and term paper ☐ Practical exam	Minimum grade of satisfactory
Instructor		Module coordinator
Variable; professors of the architecture program		Prof. Daniel Berger
Literature/learning aids		

- Peter Ebner, et al.: Typology + Innovative Housing Construction / Birkhäuser, 2009
- Christian Schittich: Compact Living – Concepts, Plans, Designs – Edition Detail / Birkhäuser, 2004
- Christian Schittich: Building Envelopes / Edition Detail / Birkhäuser, 2006
- Friederike Schneider, Oliver Heckmann: Floor Plan Atlas of Residential Construction - 4th Edition / Birkhäuser, 2011
- Marc Angélil, Dirk Hebel: Architectural Design / Birkhäuser, 2008
- Bert Bielefeld, Sebastian El Khouli: Design Ideas – Birkhäuser, 2010
- Christian Gänshirt: Tools for Ideas / Walter de Gruyter, 2012
- Oliver Heckmann, Friederike Schneider: Floor Plan Atlas of Residential Construction / Walter de Gruyter, 2011
- Jörg Dünne, Stephan Günzel: Raumtheorie (Space Theory) / Suhrkamp, 2006
- A project-specific reading list will be provided as an appendix to the assignment.

Max. number of participants
17
Status: WS 2025/2026

Module title: Designing in an ensemble				**Module no.: BAR 1.4**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	4th semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		10 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Project		6.5 hours per week / 97.5 hours	202.5 hours	300 hours	

Competence goals (learning outcomes)

- Students will have the ability to design urban structures at the neighborhood, building, and apartment levels, taking into account current challenges such as climate change, resource scarcity, social justice, and resilience.
- They understand how urban development concepts are integrated into existing urban and/or landscape contexts and can develop transformation strategies for existing structures.
- They have an in-depth understanding of the relationships between mixed use, density, mobility, greening, water management, energy supply, and quality of life in urban spaces.
- Students are able to develop designs that enable flexible, adaptable, and climate-resilient structures, with a particular focus on the quality of open spaces and their relationship to private, semi-public, and public areas.
- You can formulate concepts independently, work cooperatively in a team, and reflect on and communicate complex design processes.

Contents

- Analysis of urban, social, ecological, and climatic conditions as a basis for conceptual strategies.
- Development of guiding principles, scenarios, and urban design strategies aimed at long-term resilience and sustainability.
- Application and reflection on various urban typologies, taking into account aspects such as microclimate, soil sealing, forms of mobility, energy concepts, and social infrastructure.
- Training in the presentation and communication of designs on different scales – from urban structure to building organization and open space concepts.
- Application of analog and digital tools for the development, review, and variation of urban designs.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective
Recommended degree program		
Subject-specific architecture		
Recommended prerequisites for participation		
BAR 4.3 Architecture in an urban context		
Examination	Prerequisite for the award of ECTS	

☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☐ Portfolio ☒ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Prof. Lena Pieperer, lecturer in the Architecture program		Prof. i. V. Lena Pieperer

Literature/learning aids

- Jan Gehl: Cities for People / Jovis Verlag, 2015
- Sandra Hofmeister: Copenhagen Urban Architecture and Public Spaces / Detail Architecture, 2025
- Sigrun Kabisch, et al.: The Resilient City / Springer Spektrum Verlag, 2023
- Martin Korda: Urban Development Technical Fundamentals / Vieweg & Teubner, 2005
- Inga Mueller-Haagen, et al.: The DNA of the City - An Atlas of Urban Structures in Germany / Schmidt Hermann Verlag, 2014
- Stefan Netsch: Urban Planning Handbook and Design Guide / Dom Publisher, 2020
- Thomas Oebbecke: Sustainability in Architecture and Urban Planning / Springer Vieweg Verlag, 2025
- Christa Reicher, et al.: Urban Design / Springer Verlag, 2025
- Christa Reicher, et al.: Housing as a Building Block of the City / Springer Vieweg Verlag, 2022
- Leonhard Schenk: Urban Design / Birkhäuser, 2018
- Gerrit Schwalbach: Basics of Urban Planning and Urban Analysis / Birkhäuser Verlag, 2019
- Tanja Siems: Communicating the City / Birkhäuser, 2023
- David Sim: Gentle City Planning Ideas for Everyday Urban Life / Jovis Verlag, 2022

Max. participants
17
Status: WS 2025/2026

<table>
<tr><td colspan="3">Module title: Large Buildings</td><td colspan="3">Module no.: BAR 1.5</td></tr>
<tr><td>Module duration</td><td>Semester in which the module takes place</td><td colspan="2">Frequency</td><td>Credit points (ECTS)</td><td>Weighting of the grade for the final grade</td></tr>
<tr><td>1 Semester</td><td>5th semester</td><td colspan="2">☒ Every winter semester
☐ Every summer semester
☐ As needed</td><td>10 ECTS</td><td>Based on the subject-specific study regulations</td></tr>
<tr><td colspan="2">Courses/Teaching methods</td><td>Contact time</td><td>Self-study</td><td colspan="2">Total workload of the student</td></tr>
<tr><td colspan="2">Project</td><td>6.5 hours per week / 97.5 hours</td><td>202.5 hours</td><td colspan="2">300 hours</td></tr>
<tr><td colspan="6">Competence goals (learning outcomes)</td></tr>
<tr><td colspan="6">▪ Students will acquire the ability to design and structure larger buildings that are more demanding in terms of use, technology, and spatial concept.
▪ They are able to identify and evaluate contextual parameters that determine design and integrate them into the building design.
▪ They are sensitized to socio-spatial and graphic influencing factors.
▪ Students will have learned to visually present a designed large building to a group.</td></tr>
<tr><td colspan="6">Contents</td></tr>
<tr><td colspan="6">▪ Students design multi-story buildings in variants and with differentiated uses, with in-depth elaboration in construction and technology.</td></tr>
<tr><td colspan="6">Usability of the module</td></tr>
<tr><td colspan="2">BA Architecture</td><td colspan="2">☒ Compulsory subject</td><td colspan="2">☐ Elective</td></tr>
<tr><td colspan="6">Recommended degree program</td></tr>
<tr><td colspan="6">Subject-specific architecture</td></tr>
<tr><td colspan="6">Recommended prerequisites for participation</td></tr>
<tr><td colspan="6">BAR 1.1 Design I,
BAR 1.2 Design II – Basic Project,
BAR 1.3 Design III – Small Building, BAR 1.4 Design in an Ensemble</td></tr>
<tr><td colspan="4">Examination formats</td><td colspan="2">Prerequisite for the award of ECTS</td></tr>
<tr><td colspan="2">☐ Written
☐ Oral exam
☐ Internship /laboratory work
☐ Colloquium</td><td colspan="2">☒ Project presentation
☐ Portfolio
☐ Seminar paper and term paper
☐ Practical examination</td><td colspan="2">Minimum grade of satisfactory</td></tr>
<tr><td colspan="4">Instructor</td><td colspan="2">Module coordinator</td></tr>
<tr><td colspan="4">Variable, instructors of the architecture program</td><td colspan="2">Program director</td></tr>
<tr><td colspan="6">Literature/learning aids</td></tr>
</table>

- Wüstenrot Foundation: Raumpilot Vol. 1-4 / Krämer Verlag, 2010
- Ulrike Wietzorrek: Living+ On Thresholds - Transitional Spaces and Transparencies / Birkhäuser 2014
- Marc Angéli, Dirk Hebel: Architectural Design / Birkhäuser, 2008
- Jörg Joppien: Design Theory - A Search - Teaching Design / Wasmuth, 2008
- Bert Bielefeld, Sebastian El Khouli: Design Idea / Birkhäuser, 2010
- Christian Gänshirt: Tools for Ideas / Walter de Gruyter, 2012
- Annette Becker, Laura Kienbaum, Kristien Ring; Peter Cachola Schmal: Building and Living in Communities / Birkhäuser, 2015
- Peter Eisenman: Ten Canonical Buildings - 1950-2000 / Rizzoli International Publications, 2008
- In addition, a project-specific reading list will be provided as an appendix to the assignment.

Maximum number of participants
17
Status: WS 2025/2026

TECHNOLOGY AND SCIENCES

Module title: Structural Engineering I				**Module no.: BAR 2.1**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	1st semester	☒ Every winter semester ☐ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/Teaching methods		Contact time	Self-study	Total workload for students	
Lecture, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	
Competence goals (learning outcomes)					
▪ Students have a basic understanding of the mechanical relationships between load-bearing elements. ▪ Students have a basic understanding of the design of structures and the underlying safety concept. ▪ They have a basic knowledge of structural hierarchies and load transfer mechanisms. ▪ In Structural Engineering I, students develop a basic understanding of the overarching issues and technical interrelationships involved in structural planning and design.					
Contents					
▪ Students gain an overview of the fundamental mechanical modes of action of structural elements based on theoretical principles and practical examples and exercises. ▪ Practical examples are used to train students in the development of structural idealizations and the analysis of essential shear force curves. ▪ The fundamentals of structural design, including safety and verification concepts, are explained with reference to common building materials.					
Usability of the module					
BA Architecture		☒ Compulsory subject		☐ Elective	
Study program recommendation					
Subject-specific architecture					
Recommended prerequisites for participation					
None					
Examination formats				Prerequisite for the award of ECTS	

☒ Written exam ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☐ Portfolio ☒ Seminar and term paper ☐ Practical exam	At least satisfactory Passed exam
Instructor		Module coordinator
Prof. Daniel Lauterkorn		Prof. Daniel Lauterkorn
Literature/learning aids		
▪ Franz Krauss, Wilfried Führer, Hans Joachim Neukäter, Claus-Christian Willems, Holger Techen: *Fundamentals of Structural Design – Volume 1* – 13th edition / Rudolf Müller, 2023 ▪ Franz Krauss, Wilfried Führer, Claus-Christian Willems, Holger Techen: *Fundamentals of Structural Engineering - Volume 2*. - 7th edition / Rudolf Müller, 2011 ▪ Gottfried Leicher: *Structural Engineering in Drawings and Examples* - 5th edition / Reguvis Fachmedien Verlag, 2021 ▪ Philippe Block, Christoph Gengnagel, Stefan Peters: *Rule of thumb for structural design* - expanded and updated edition / DVA, 2015 ▪ Lecture notes and reference tables for the subject area		
Max. number of participants		
50		
Status: Winter semester 2025/2026		

Module title: Structural Design II				**Module no.: BAR 2.2**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	2nd semester	☐ every winter semester ☒ every summer semester Neuwied as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Students learn about basic structural systems, their applicability, and performance. They are able to understand load transfer and design and dimension simple structural systems.
- They will acquire skills in developing simple load-bearing structures using the most important building materials and applying the principles of material-appropriate design.
- They will acquire knowledge about material properties and the resulting design possibilities.
- They are able to carry out preliminary dimensioning or dimensioning for individual load-bearing elements in various materials. This is intended to promote material-appropriate and sustainable architectural design.
- Students can determine the shape and dimensions of load-bearing components of simple structures using approximate rules.
- Students understand the design criteria and parameters for selecting suitable support systems and building materials.

Contents

- Basic structural typologies and their specific areas of application, as well as their limitations, are discussed in detail. Load-bearing elements such as trusses, frames, tension and compression structures, as well as slabs and panels are discussed and explained in more detail.
- Design situations are explained and applied to the above-mentioned types of structures. Differences specific to building materials are highlighted.
- BAR 2.2 Structural Design II completes the teaching of the fundamentals of structural design in architecture. Students are enabled to analyze common building structures in terms of their vertical and horizontal load transfer in such a way that the results can be meaningfully applied in individual architectural designs.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Study program recommendation

Subject-specific architecture

Recommended prerequisites for participation

BAR 2.1 Structural Design I
For further in-depth study, the elective module "BAR WM 3 Special Topics in Structural Design" is recommended.

Examination formats	Prerequisite for the award of ECTS

☒ Written exam ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☐ Portfolio ☒ Seminar and term paper ☐ Practical exam	At least satisfactory Passed exam
Instructor		Module coordinator
Prof. Daniel Lauterkorn		Prof. Daniel Lauterkorn
Literature/learning aids		
▪ Franz Krauss, Wilfried Führer, Hans Joachim Neukäter, Claus-Christian Willems, Holger Techen: *Fundamentals of Structural Design – Volume 1* – 13th edition / Rudolf Müller, 2023 ▪ Franz Krauss, Wilfried Führer, Claus-Christian Willems, Holger Techen: *Fundamentals of Structural Engineering - Volume 2*. - 7th edition / Rudolf Müller, 2011 ▪ Gottfried Leicher: *Structural Engineering in Drawings and Examples* - 5th edition / Reguvis Fachmedien Verlag, 2021 ▪ Philippe Block, Christoph Gengnagel, Stefan Peters: *Rule of thumb for structural design* - expanded and updated edition / DVA, 2015 ▪ Lecture notes and reference tables for the subject area		
Max. number of participants		
50		
Status: Winter semester 2025/2026		

Module title: Digital Forms of Representation				**Module no.: BAR 2.3**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	3rd semester	☒ every winter semester ☐ every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/Teaching methods		Contact time	Self-study	Total workload for students	
Lecture, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competence goals (learning outcomes)

- Students gain an expanded overview of the various computer-aided architectural representation forms.
- They gain competence in using computer-aided design software to construct complex 3D formations.
- They learn how to work creatively and effectively with computers within the design process.
- Students are able to plan the sequence of importing and generating data, assembling it, and choosing the appropriate representation technique.
- They understand the meanings of the various data formats and their conversion options.
- Participants in the course know how to use computer-aided methods and media in combination in a targeted manner for their architectural design.
- Students have the ability to explain different forms of representation and present them to a group.

Contents

- Students gain an overview of digital forms of representation and methods within the design process. This includes conceptual diagrammatic, parametric, and generative approaches.
- Techniques such as creating and exporting vector graphics.
- Production of visualizations and animations and their revision using DTP programs (e.g., Adobe Design Suite).
- Computer-aided model building using additive (e.g., 3D printing) and subtractive (e.g., 2D CNC, laser cutter) processes.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective
Recommended degree program		
Subject-specific architecture		
Recommended prerequisites for participation		
None		
Examination	Prerequisite for the award of ECTS	

☐ Written exam ☐ oral exam ☐ Internship /laboratory performance ☐ Colloquium	☒ Project presentation ☐ Portfolio ☐ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Prof. Thum		Prof. Thum
Literature/learning aids		
▪ Peter Cook: Drawing - The Motive Force of Architecture - Architectural Design Primer / John Wiley & Sons, 2008 ▪ D'Arcy Thompson: On Growth and Form - 1942 / Suhrkamp Verlag, 1988 ▪ Ludger Hovestad: Beyond the Grid Architecture and Information Technology - Applications of a Digital Architectonic / Birkhäuser, 2009 ▪ Branco Kolarevic: Architecture in the digital age - design and manufacturing / Spon, 2003 ▪ Erich H. Lass: Architectural Geometry / Springer, 2009 ▪ Peter Szalapaj: Contemporary Architecture and the Digital Process - 2005 / Wiley-Blackwell, 2012 ▪ Mario Carpo: Alphabet and Algorithm / transcript Verlag, 2012 ▪ Moritz Hauschild, Rüdiger Karzel: Digital Processes / Birkhäuser, 2011 ▪ Antoine Picon: Digital Culture in Architecture / Birkhäuser, 2010 ▪ Hartmut Bohnacker, Benedikt Gross, Julia Laub: Generative Design - Visualize, Program, and Create with Processing / Princeton Architectural Press, 2012		
Maximum number of participants		
50 people		
Status: WS 2025/2026		

Module title: Building Theory I				**Module no.: BAR 2.4**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	4th semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Students will be able to analyze and understand buildings as systems of organizational, spatial, structural, technical, legal, and economic interrelationships.
- They possess fundamental knowledge of the general areas of building organization, dimensions, uses, and spatial formations, as well as the basic
  Building parameters: areas, development, construction, and envelope, including the normative and building code-related background and requirements.
- You will acquire fundamental knowledge about housing, residential buildings, and housing construction as the matrix of European cities, as well as office buildings and workplaces as the matrix of post-industrial society.
- Students learn methods for describing and analyzing existing buildings in order to understand buildings as urban and sociocultural context formers.
- With the help of specific exercises, students learn to apply the knowledge they have acquired in design planning.
- Students have learned to document design methods and then present them visually to a group.
- Students have the ability to visually present areas of building organization and their interrelationships to a group.

Contents

- The module covers the basics of horizontal and vertical building organization, as well as access systems, zoning, functions, main and secondary areas, quantitative analysis and comparison, type and typology.
- They gain insights into floor plan design, horizontal and vertical access systems, zoning, determined/undetermined space formation, floor
  , duplex and special forms, quantitative analysis and comparison, type and typology.
- Coding and fixed points in the historical development of residential and apartment construction, as well as offices and workplaces, construction methods, and building techniques will continue to be covered.
- The module covers current trends in typology, space creation, variability, demographics, economics, and energy, including the effects of DIN 18024.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective
Recommended degree program		
Subject-specific architecture		
Recommended prerequisites for participation		
None		
Examination		Prerequisite for the award of ECTS

☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. presentation ☐ Seminar and term paper ☐ Practical examination	At least satisfactory Passed exam
Instructor		Module coordinator
Prof. Jan-Henrik Hafke		Prof. Jan-Henrik Hafke
Literature/learning aids		
▪ Bert Bielefeld: Planning Architecture – Dimensions, Spaces, Typologies / Birkhäuser, 2016 ▪ Thomas Jocher, et al.: Raumpilot, Fundamentals / Karl Krämer, 2012 ▪ Walter Stamm-Teske, et al.: Raumpilot, Living / Karl Krämer, 2012 ▪ Markus Gasser, et al.: Raumpilot, Working / Karl Krämer, 2012 ▪ Arno Lederer, et al.: Raumpilot, Learning / Karl Krämer, 2012 ▪ Ernst Neufert, et al.: Building Design Theory - 41st edition / Vieweg+Teubner, 2016 ▪ Friederike Schneider, Oliver Heckmann: Floor Plan Atlas of Residential Construction - 4th edition / Birkhäuser, 2011		
Max. number of participants		
50 people		
Status: WS 2025/2026		

Module title: Building Science II				**Module no.: BAR 2.5**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	5th semester	☒ Every winter semester ☐ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competence goals (learning outcomes)

- Students understand buildings as systems of organizational, spatial, structural, technical, legal, and economic interrelationships.
- They have a fundamental knowledge of public buildings (assembly, education, culture) as the matrix of the city and society.
- Students have the ability to analyze selected buildings and visually present their findings to a group.
- Students use different methods of graphical building analysis and analyze buildings based on selected, programmatic building examples.

Contents

- They deepen their knowledge of floor plan design, horizontal and vertical access systems, zoning, determined/undetermined space formation, floors, and special forms, quantitative analysis and comparison, type and typology.
- Coding and fixed points in the historical development of assembly halls, cultural and educational buildings, construction methods, and building techniques will also be covered.
- The module covers current trends in typology, space formation, variability, demography, economics, and energy, including the effects of DIN 18024.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective
Recommended course of study		
Subject-specific Architecture		
Recommended prerequisites for participation		
BAR 2.4 Building Theory I		

Examination		Prerequisite for the award of ECTS
☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. presentation ☐ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Prof. Jan-Henrik Hafke		Prof. Jan-Henrik Hafke
Literature/learning aids		

- Bert Bielefeld: Planning Architecture – Dimensions, Spaces, Typologies / Birkhäuser, 2016
- Thomas Jocher, et al.: Raumpilot, Fundamentals / Karl Krämer, 2012
- Walter Stamm-Teske, et al.: Raumpilot, Living / Karl Krämer, 2012
- Markus Gasser, et al.: Raumpilot, Works / Karl Krämer, 2012
- Arno Lederer, et al.: Raumpilot, Learning / Karl Krämer, 2012
- Ernst Neufert, et al.: Building Design Theory – 41st edition / Vieweg+Teubner, 2016
- Friederike Schneider, Oliver Heckmann: Floor Plan Atlas of Residential Construction - 4th edition / Birkhäuser, 2011

Max. number of participants
50
Status: WS 2025/2026

<table>
<tr><td colspan="3">Module title: Seminar on the final thesis</td><td colspan="3">Module no.: BAR 2.6</td></tr>
<tr><td>Module duration</td><td>Semester in which the module takes place</td><td>Frequency</td><td>Credit points (ECTS)</td><td colspan="2">Weighting of the grade for the final grade</td></tr>
<tr><td>1 Semester</td><td>6th semester</td><td>☐ Every winter semester
☒ Every summer semester
☐ as needed</td><td>5 ECTS</td><td colspan="2">Based on the subject-specific study regulations</td></tr>
<tr><td colspan="2">Courses/Teaching methods</td><td>Contact hours</td><td>Self the student</td><td colspan="2">Total workload (workload) study of</td></tr>
<tr><td colspan="2">Project, excursion</td><td>3.5 hours per week / 52.5 hours</td><td>97.5 hours</td><td colspan="2">150 hours</td></tr>
<tr><td colspan="6">Competence goals (learning outcomes)</td></tr>
<tr><td colspan="6">▪ Students can define and organize necessary and supplementary background information related to the respective thesis topic. Students are able to classify the content of their respective thesis topics and structure them methodically according to the principles of scientific work.
able to classify the content of their respective thesis topics and structure them methodically according to the principles of scientific work.
▪ Students have the ability to present the background information defined for their thesis to a group.</td></tr>
<tr><td colspan="6">Content</td></tr>
<tr><td colspan="6">▪ The course teaches students how to obtain specific information relevant to their topic and critically evaluate its usability in their thesis, and discusses individual approaches.</td></tr>
<tr><td colspan="6">Usability of the module</td></tr>
<tr><td colspan="2">BA Architecture</td><td colspan="2">☒ Compulsory subject</td><td colspan="2">☐ Elective</td></tr>
<tr><td colspan="6">Recommended degree program</td></tr>
<tr><td colspan="6">Subject-specific architecture</td></tr>
<tr><td colspan="6">Recommended prerequisites for participation</td></tr>
<tr><td colspan="6">Accompanying the thesis</td></tr>
<tr><td colspan="4">Examination</td><td colspan="2">Prerequisite for the award of ECTS</td></tr>
<tr><td colspan="2">☐ Written
☐ Oral exam
☐ Internship /laboratory work
☐ Colloquium</td><td colspan="2">☐ Project presentation
☒ Portfolio incl. presentation
☐ Seminar and term paper
☐ Practical examination</td><td colspan="2">Minimum grade of satisfactory</td></tr>
<tr><td colspan="4">Instructor</td><td colspan="2">Module coordinator</td></tr>
<tr><td colspan="4">Alternating</td><td colspan="2">Program director</td></tr>
<tr><td colspan="6">Literature/learning aids</td></tr>
</table>

- Marc Angélil, Dirk Hebel: *Architektur Entwerfen /* Birkhäuser, 2008
- Jörg Joppien: *Design Theory – A Search – Teaching Design /* Wasmuth, 2008
- Bert Bielefeld, Sebastian El Khouli: *Design Idea /* Birkhäuser, 2010
- Christian Gänshirt: *Tools for Ideas /* Walter de Gruyter, 2012
- Gesche Joost, et.al.: *Design as Research - Positions, Arguments, Perspectives* - Board of International Research in Design / Birkhäuser, 2016
- Laurene Vaughan: *Practice-based Design Research /* Bloomsbury Visual Arts, 2016
- K. Jormakka: *Basics: Methods of Form Finding /* Birkhäuser, 2008
- Peter Eisenman: *Ten Canonical Buildings - 1950-2000 /* Rizzoli International Publications, 2008
- A topic-specific reading list will be provided with the assignment.

Max. number of participants
25
Status: WS 2025/2026

DESIGN AND CONSTRUCTION PROCESSES

Module title: Design I				**Module no.: BAR 3.1**	
Module duration	Semester in which the module takes place	Frequency of offering		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	1st semester	☒ Every winter semester ☐ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/Teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Students learn and understand the basic principles and requirements of construction using disc-like components (masonry, concrete).
- With knowledge of the functions of supporting, protecting, and supplying, they will be able to develop a basic understanding of construction.
- You can identify constructive problems, understand possible solutions, and translate them into your own constructive designs.
- Brief explanations and presentations train rhetorical skills.

Contents

- By presenting simple constructive principles of modular systems, such as masonry or natural stone construction and constructions derived from them, thematic awareness is awakened.
  . This involves a consistent balancing act between construction and architectural expression. Architectural classification systems and module dimensions are illustrated using the example of masonry dimensions.
- In addition, the basic principles and typical areas of application of reinforced concrete construction (foundations, floors, ceilings, roofs, and walls) are explained and applied in the design.
- Fundamental statements on the use of daylight and light guidance are made in connection with specific views and perspectives.
- The principles of "slab/bulkhead/box" and "support/skeleton" as design-forming construction principles are discussed, and the first fundamentals of structural stability (load transfer/bracing) are covered. Using clear designs of their own, students develop the first structural details that are decisive for the design.
- A clear distinction is made between design plans and working drawings, and the spatial implementation is checked using models.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Study program recommendation

Subject-specific architecture

Recommended prerequisites for participation

None

Examination	Prerequisite for the award of ECTS

☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. Presentation ☐ Seminar paper and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Prof. Daniel Berger		Prof. Daniel Berger
Literature/learning aids		
▪ Andrea Deplazes: *Constructing Architecture - From Raw Material to Building - 6th expanded edition* / Birkhäuser, 2022 ▪ Peter Cheret: *Handbook and Planning Aid – Building Construction and Building Physics* / DOM publishers, 2015 ▪ Daniel Mettler, Daniel Studer: *BUK ETH Zurich – Construction* / Birkhäuser, 2021 ▪ Joachim Achtziger, Günter Pfeifer, Rolf Ramcke, Konrad Zilch: *Masonry Atlas* / Detail Verlag, 2001 ▪ Sandra Hofmeister: *Masonry Buildings S, M, L - 30 x Architecture and Construction* / Detail Verlag, 2023 ▪ Uta Graff: *Thought in Material* / Detail Verlag, 2018 ▪ Johannes Käferstein, Dieter Geissbühler: Penetration as a Condition / Quart Verlag, 2020		
Max. participants		
50		
Status: WS 2025/2026		

Module title: Design II				**Module no.: BAR 3.2**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	2nd semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Students are familiar with the basic principles and requirements of construction and design. With their knowledge of material properties, load-bearing behavior, and component specifications, they are able to expand their basic understanding of construction.
- They are familiar with the fundamental differences between cold and warm rooms, including the properties of weather and moisture protection.
- They have the ability to analyze, document, and present their own project work in a manner appropriate to the topic.
- Students learn and understand the basic principles and requirements of construction using linear components, taking the example of block construction and skeleton construction in timber construction, as well as skeleton construction in steel construction.

Contents

- Students learn and understand the basic principles and requirements of design using linear components, taking block construction and skeleton construction in timber construction and skeleton construction in steel construction as examples.
- Simple design exercises teach load-bearing behavior.
- Basic requirements for thermal and moisture protection are addressed.
- The difference between cold and warm rooms and structural weather protection in timber construction are highlighted.
- The integration of daylight and light guidance are dealt with in a differentiated manner.
- After discussing basic joining and connection methods, these are applied in practice using the example of log construction and, building on this, timber frame construction and steel skeleton construction.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Recommended degree program

Subject-specific Architecture

Recommended prerequisites for participation

BAR 3.1 Design I.

Examination formats	Prerequisite for the award of ECTS

☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. Presentation ☐ Seminar paper and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Prof. Daniel Berger		Prof. Daniel Berger
Literature/learning aids		
▪ Andrea Deplazes: Designing Architecture – From Raw Material to Building, 6th expanded edition / Birkhäuser, 2022 ▪ Peter Cheret: Handbook and Planning Aid - Building Construction and Building Physics / DOM publishers, 2015 ▪ Daniel Mettler, Daniel Studer: BUK ETH Zurich - Construction / Birkhäuser, 2021. ▪ Hermann Kaufmann, Stefan Krötsch, Stefan Winter: Atlas of Multi-Story Timber Construction - 2nd edition / Detail Verlag, 2021 ▪ Josef Kolb, Hanspeter Kolb, Andreas Müller: Systematic Timber Construction – Supporting Structures and Layered Construction – 4th revised edition / Birkhäuser, 2024 ▪ Sandra Hofmeister: Wooden Buildings S, M, L - 30 x Architecture and Construction / Detail Verlag, 2022 ▪ Klaus Bollinger, Manfred Grohmann, Markus Feldmann, Georg Giebeler, Daniel Pfanner, Martin Zeumer: Atlas of Modern Steel Construction - Materials, Structural Design, Sustainability / Detail Verlag, 2011 ▪ Uta Graff: Thought in Material. Munich / Detail Verlag, 2018 ▪ Johannes Käferstein, Dieter Geissbühler: Penetration as a Condition / Quart Verlag, 2020		
Maximum number of participants		
50		
Status: WS 2025/2026		

Module title: Design III				**Module no.: BAR 3.3**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	3rd semester	☒ Every winter semester ☐ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/Teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Students possess basic skills for the sustainable and professional use of renewable raw materials (wood, straw, hemp, reed, jute, cork, (sea) grasses, fungal mycelium) and clay in an architectural context.
- They are familiar with selected timber constructions and can analyze them (analysis detail model).
- They acquire the ability to plan and construct simple buildings using timber or mixed timber construction methods (one- to two-story buildings, minor renovation measures), taking into account design, material-specific, energy, and ecological aspects.
  construct them.
- You will be able to present your work results for discussion and visually present them to a group.

Contents

Students will learn the following course content:

- Building material-specific characteristics of hardwood and softwood and their materials throughout their entire life cycle (concept of sustainability, raw material extraction and availability (pre-use), possible applications (use), cascades of use, recyclability, and potential for reuse (post-use)
- Building with clay, wood, and other renewable resources in the context of climate change
- System knowledge of traditional and modern timber construction methods (frame/panel construction, solid timber construction, modular construction) and clay construction methods (clay brick masonry, rammed earth).
- Basic knowledge of building physics in timber and clay construction (thermal, moisture, and fire protection)
- Teaching a basic repertoire of wood-based materials and component structures
- Basic knowledge of engineering and carpentry wood joints as well as detachable joints and constructions.
- Introduction to standardization (main standard DIN EN 1995-1-1, subordinate standards, e.g., wood preservation DIN 68800) and DIN 18940/DIN 18947 load-bearing clay brick masonry
- Wood construction as a construction method in existing buildings (exterior wall renovations, additions, and extensions)

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective
Recommended degree program		
Subject-specific Architecture		
Recommended prerequisites for participation		
Participation in modules BAR 1.3 and BAR 2.3.		
Examination formats	Prerequisite for the award of ECTS	

☒ Written exam ☐ Oral exam ☒ Internship /laboratory performance ☐ Colloquium	☐ Project presentation ☐ Portfolio ☒ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Prof. Petra Riegler-Floors		Prof. Petra Riegler-Floors
Literature/learning aids		
▪ H. Kaufmann, S. Krötsch, S. Winter: Atlas of Multi-Story Timber Construction / Detail ▪ A. Hillebrandt, P. Riegler-Floors, A. Rosen: Atlas Recycling / Detail, 2021 ▪ K. Merz, A. Niemann, S. Torno: Building with Hardwood / Detail, 2020 ▪ S. Krötsch, M. Stiegelmaier, Th. Engel: Timber construction in existing buildings / Detail, 2024 ▪ W. Huss, M. Kaufmann, K. Merz: Timber Construction – Room Modules / Detail Praxis, 2022 ▪ U. Röhlen, C. Ziegert: Clay Construction Practice / DIN Media, 2020 ▪ J. Dethier: Clay Building Culture / Detail, 2019 ▪ S. Hofmeister: Natural Building Materials S M L / Detail, 2024 ▪ Monthly trade journals "Building with Wood," "Cutting," "Sustainable Building" ▪ Short excursions to construction sites, projects, and wood production facilities during the semester.		
Maximum number of participants		
50		
Status: WS 2025/2026		

Module title: Design IV				**Module no.: BAR 3.4**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	4th semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Students have a basic knowledge of building physics and materials science.
- You will acquire fundamental knowledge of all material groups (mineral, biotic, metallic, fossil) across their entire life cycle, their application, and their environmental impact.
- Students acquire the ability to assess the ecological parameters of a building material and actively apply this knowledge to the selection of building materials.
- They are familiar with basic concepts of materials science and material-specific characteristics.
- They are enabled to develop a consistent material concept based on a combination of their considerations and research on material selection from a design perspective, the structural and building physics requirements for usability, and an ecological perspective
  material concept that coherently details the original design idea from a structural perspective.
- You will acquire basic knowledge of the fundamentals of building physics in the areas of thermal, moisture, sound, and fire protection, and will be able to apply this knowledge in design and construction.
- You will be able to actively apply the knowledge you have acquired in building physics and materials science to your own project as a structural design/detailing, visualize it, and present and discuss it in front of a group.

Contents

Students will learn the following:

- Basic knowledge of the design and construction of energy-efficient building envelopes and functional components. Basic qualification in integrated planning, taking into account architecture and building energy efficiency.
- Recognition of the relationship between structural design and building orientation, zoning, and planning of solar gain and loss zones.
- Use of simple building physics programs to determine the U-value and moisture transmission of building envelopes (U-value calculator).
- Fundamentals for understanding the sound insulation requirements that arise in building construction. Application of sound insulation measures in accordance with DIN 4109 in your own building design using
  using a simple sound insulation calculator. Basic concepts of airborne and impact sound insulation based on sound laboratory exercises and measurements.
- Basic knowledge of fire protection in accordance with DIN 4102, preventive fire protection taking into account building regulations.

Usability of the module

BA Architecture	☒ Compulsory subject	☐ Elective

Study program recommendation

Subject-specific architecture

Recommended prerequisites for participation

BAR 3.1 Design I, BAR 3.2 Design II, BAR 3.3 Design III		
Examination formats		Prerequisite for the award of ECTS
☒ Written exam ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☐ Portfolio ☒ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Prof. Petra Riegler-Floors		Prof. Petra Riegler-Floors
Literature/learning aids		
▪ M. Hegger, V. Auch-Schwelk, M. Fuchs, et. al: Building Materials Atlas / Detail, 2005 ▪ D. Hebel, L. Wappner, et al.: Single-material construction – method, material, construction / Detail, 2023 ▪ U. Graff: Thinking in Materials / Detail, 2018 ▪ W. Millems: Textbook of Building Physics - 9th edition / Springer Vieweg, 2022 ▪ W. Bläsi: Building Physics - 11th edition / Europa Verlag, 2022 ▪ T. Hoffmann: Fire Protection / Detail, 2018 ▪ G. Hausladen, K. Tichelmann, et. al: Finishing Atlas - Integral Planning, Interior Finishing, Building Services / Detail, 2009		
Max. number of participants		
50		
Status: WS 2025/2026		

Module title: Design V				**Module no.: BAR 3.5**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	5th semester	☒ Every winter semester ☐ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload of the student	
Lecture, seminar, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competence goals (learning outcomes)

- Students are able to independently develop solutions for the supply and disposal of building systems using primarily structural means, taking into account natural control processes and ecological building technology, and to communicate these with experts in technical building services and building climate control.
- Furthermore, students are able to recognize the energy behavior of building volumes, structures, and joints and to integrate this into their planning process.
- They independently analyze existing energy systems and are qualified to recognize and take into account conclusions and consequences for their own actions.

Contents

- Students are introduced to technical systems for supplying and disposing of a building, water and wastewater technology, heating and air conditioning technology, sanitary and ventilation technology, and electrical and lighting technology.
- One focus here is on ecological components: solar geometry, landscape features (topography, vegetation), soil conditions in relation to the use of geothermal energy, the use of precipitation and surface water, and material cycles in a construction context.
  the use of geothermal energy, the use of precipitation and surface water, and material cycles in a construction context.
- The course teaches passive solar energy utilization methods and the use of modern active technology. A seminar-based approach is used to develop simple
  solution approaches in a construction context, incorporating ecological construction methods and renewable energies.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Recommended degree program

Subject-specific Architecture

Recommended prerequisites for participation

BAR 3.1 Design I, BAR 3.2 Design II, BAR 3.3 Design III, BAR 3.4 Design IV

Examination formats		Prerequisite for the award of ECTS
☒ Written exam ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☒ Project presentation ☐ Portfolio ☐ Seminar paper and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator

Prof. Dr. Matthias Sieveke	Prof. Dr. Matthias Sieveke
Literature/learning aids	
▪ K. Daniels: Building Technology / Oldenburg Verlag, 1999 ▪ G. Hausladen, et al.: Clima Design / Callwey Verlag, 2004 ▪ Hayner, Ruoff, Thiel: Rule of thumb – Building technology for architects / 2010 ▪ Hegger, Fuchs, Stark, Zeumer: Energy Atlas / Detail Verlag, 2007 ▪ Y. Kaiser, R.S. Hastings: Low-Energy Solar Houses / Birkhäuser, 1998 ▪ RWE Construction Manual - 13th edition / VWEW Energieverlag GmbH, 2004	
Max. number of participants	
50	
Status: WS 2025/2026	

Module title: Design VI				**Module no.: BAR 3.6**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	6th semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload of the student	
Lecture, seminar, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competence goals (learning outcomes)

- Students will be able to recognize buildings as overall energy systems that are directly related to the environment.
- They have adequate knowledge of the basic principles of building physics with regard to the phenomena of light, air, heat, moisture, and their effects in a structural context.
- They have knowledge of the functional, structural, and building physics requirements for envelope constructions.
- They are able to develop appropriate solutions for the design of the envelope in the context of the structural fabric of the respective task.
- Students will be able to explain the basic principles and properties of building physics and construction in buildings and structures. They will be able to discuss their work results and present them to a group.

Contents

- The lectures in this course cover the basic functional principles and structural solutions for envelope constructions made of different materials.
- One key topic is protective and control functions.
- In seminar form, different envelope constructions are discussed using material-specific construction and joining techniques. As part of a systematic approach that takes into account the various influencing factors—from complex
  Relationships and connections between location and users, materials and design – must be incorporated into a meaningful and coherent overall solution.
- Through small exercises, knowledge about structural and design coherence is developed based on the materials relevant for envelope structures, taking energy behavior into account.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Study program recommendation

Subject-specific architecture

Recommended prerequisites for participation

BAR 3.1 Design I, BAR 3.2 Design II, BAR 3.3 Design III, BAR 3.4 Design IV, BAR 3.5 Design V

Examination	Requirements for awarding ECTS credits

☒ Written exam ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☒ Project presentation ☐ Portfolio ☐ Seminar and term paper ☐ Practical exam	At least a satisfactory grade Passed exam
Instructor		Module coordinator
Prof. Dr. Matthias Sieveke		Prof. Dr. Matthias Sieveke
Literature/learning aids		
▪ Andrea Compagno: Intelligent Glass Facades – 5th edition / Birkhäuser, 2002 ▪ K. Daniels: Technology of Ecological Construction / Birkhäuser, 1999 ▪ Thomas Herzog, et al.: Facade Atlas / Institute for International Architecture Documentation, 2004 ▪ Christian Schittich, Gerald Staib, Dieter Balkow, Matthias Schuler, Werner Sobek: Glass Construction Atlas - 1st edition, Birkhäuser, 1998		
Maximum number of participants		
50		
Status: WS 2025/2026		

HISTORY, THEORY, AND SOCIETY

<table>
<tr><td colspan="3">Module title: Architectural Drawing,
History of Architecture and Art I</td><td colspan="2">Module no.: BAR 4.1</td></tr>
<tr><td>Module duration</td><td>Semester in which the module takes place</td><td>Frequency</td><td>Credit points (ECTS)</td><td>Weighting of the grade for the final grade</td></tr>
<tr><td>1 Semester</td><td>1st semester</td><td>☒ Every winter semester
☐ Every summer semester
☐ as needed</td><td>5 ECTS</td><td>Based on the subject-specific study regulations</td></tr>
<tr><td colspan="2">Courses/Teaching methods</td><td>Contact time</td><td>Self-study</td><td>Total workload for students</td></tr>
<tr><td colspan="2">Introduction to interdisciplinary design from a historical perspective (coursework)</td><td>1 SWS/
15 hours</td><td rowspan="2">97.5 hours</td><td rowspan="2">150 hours</td></tr>
<tr><td colspan="2">Architectural drawing, history of architecture and art I (lecture, exercise)</td><td>2.5 hours per week /
37.5 hours</td></tr>
<tr><td colspan="5">Competency goals (learning outcomes)</td></tr>
<tr><td colspan="5"><u>Introduction to interdisciplinary design from a historical perspective:</u>
▪ Students are able to place architecture in a broader social and artistic context and have the methodological skills to systematically explore this context.
. They are able to conduct independent, qualified research on topics and to identify the necessary sources from archives, libraries, or the Internet. Ultimately, they are able to extract the most important essentials from the wealth of information available and use them for a simple academic paper.
▪ Students have knowledge of the backgrounds, conditions, interrelationships, and parallels of: social, philosophical, sociocultural, cultural, and technical developments in the visual and performing arts, urban planning, architecture, and design.
<u>Architectural Drawing, History of Architecture and Art I:</u>
▪ Students acquire basic knowledge and skills in the sensory, primarily visual perception of two-dimensional and three-dimensional objects, as well as systematic knowledge of cognitive science, perception psychology, and Gestalt theory.
▪ They are able to appropriately represent and communicate a perceived situation using the means of analytical drawing.
▪ They are able to represent three-dimensional objects in two-dimensional drawings.
▪ Students can verify a conceptual spatial idea through a spatial sketch and communicate it to others.
▪ They also have the ability to argue a point, communicate verbally and non-verbally, and express themselves precisely and comprehensibly.
▪ They are able to work in a team.</td></tr>
<tr><td colspan="5">Contents</td></tr>
</table>

Introduction to interdisciplinary design from a historical perspective:

- Using selected eras and examples—the primitive and the vernacular, the Renaissance, the Baroque period, the Industrial Revolution, antagonists of the respective eras – the cross-references between society and culture, art and architecture are illustrated and learned.

Architectural drawing, building and art history I:

- The module offers an introduction to perception theory and raises awareness of individual sensory perception abilities.
- Students are also introduced to methods and techniques of representation. They gain insights into spatial vision and two-dimensional representations, systematic foundations of cognitive science, perception psychology, and Gestalt theory. Students will practice analysis and recording in analog, linear drawings.
- Other topics include the translation of the shapes and proportions of various objects into different perspectives using contours, the representation of plasticity in analog, linear works through drawing style and hatching methods in conjunction with modulation, light and shadow, material and texture.
- Through group exercises, students learn the basic rules of subject-specific linguistic communication and how to structure a presentation. In the process, students learn the basic rules of team communication, as well as forms of cooperation and teamwork.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Study program recommendation
Subject-specific architecture

Recommended prerequisites for participation
None

Examination		Prerequisite for the award of ECTS
☒ Written exam (coursework) ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. presentation ☐ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory in the examination, successful completion of the course Introduction to Interdisciplinary Design in Historical Perspective.

Instructor	Module coordinator
Prof. Andrea Wandel (lecture, exercise) Professors and lecturers in the Department of Design (coursework)	Prof. Andrea Wandel

Literature/learning aids

Introduction to interdisciplinary design from a historical perspective:

- Jahn: *Dictionary of Art* – 13th completely revised edition / Kröner, 2008
- Werner Müller, et al.: *DTV Atlas of Architecture - Volumes 1 + 2 /* Deutscher Taschenbuch Verlag, 1974

Architectural Drawing, Building and Art History I:

- Winfried Nerdinger: *Architectural Drawing - From the Baroque Ideal Plan to Axonometry,* 3rd edition / Prestel, 1987
- Hans Döllgast: Drawing Houses - 1957 / Maro Verlag, 1993
- Hans Döllgast: *Hans Döllgast 1891-1974 /* Callwey, 1987
- Hans Döllgast 1891–1974 – Photographs and texts by Franz Wimmer / 2024
- Luigi Ficacci: *Piranesi /* Taschen, 2006
- Rob Krier: *Marginal Notes /* Abakon, 1975
- Alexander Kupfer: *Piranesi's 'Carceri' – Confinement and Infinity in the Prisons of the Imagination /* Belser Verlag, 1992
- Johannes Möhrle: *Architectural Perspectives /* Karl Krämer Verlag, 1992
- Gernot Nalbach, Figa Dimitra: *The First Sketch /* University of Dortmund, 2000
- Florian Afflerbach: *Basics of Freehand Drawing* / Birkhäuser Verlag, 2014
- Sarah Vowles: *Piranesi Drawings* / Thames Hudson Verlag, 2020

Maximum number of participants
50 people
Status: WS 2025/2026

Module title: History of Architecture and Art II				**Module no.: BAR 4.2**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	2nd semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Students acquire basic knowledge and skills in the sensory, primarily visual perception of two-dimensional and three-dimensional objects, as well as systematic knowledge of cognitive science, perception psychology, and Gestalt theory.
- You are able to appropriately represent and communicate a perceived situation using analytical drawing techniques.
- You are able to represent three-dimensional objects in two-dimensional drawings.
- Students can test a conceptual spatial idea by means of a spatial sketch and communicate it to others.
- Furthermore, they have the ability to argue, communicate verbally and non-verbally, and formulate ideas precisely and comprehensibly.
- They are able to work in a team.

Contents

- The module offers an introduction to the theory of perception and raises awareness of individual sensory perception.
- Students are also introduced to presentation methods and techniques. They gain insights into spatial vision and two-dimensional representations, systematic foundations of cognitive science, perception psychology, and
  Gestalt theory. They will practice analysis and recording in analog, linear drawings.
- Other topics include the translation of the shapes and proportions of various objects into different perspectives using contours, the representation of plasticity in analog, linear
  works through drawing style and hatching methods in conjunction with modulation, light and shadow, material and texture.
- Through group exercises, students learn the basic rules of subject-specific linguistic communication and how to structure a presentation. In the process, they also learn the basic rules of team communication, as well as forms of cooperation and teamwork.
  teamwork.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Study program recommendation

Subject-specific architecture

Recommended prerequisites for participation

None

Examination	Prerequisite for the award of ECTS

☒ Written exam ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. presentation ☐ Seminar paper and term paper ☐ Practical exam	Minimum grade of satisfactory
Instructor		Module coordinator
Professors and lecturers in the Department of Design (coursework)		Prof. Daniel Hoheneder
Literature/learning aids		
▪ Johannes Jahn: Dictionary of Art - 13th completely revised edition / Kröner, 2008 ▪ Werner Müller, et al.: DTV Atlas of Architecture - Volumes 1 + 2 / Deutscher Taschenbuch Verlag, 1974		
Maximum number of participants		
50		
Status: WS 2025/2026		

Module title: Architecture in an Urban Context				**Module no.: BAR 4.3**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	3rd semester	☒ Every winter semester ☐ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/Teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competence goals (learning outcomes)

- Students will acquire a basic understanding of the origins and development of cities, their spatial structures, and their social, political, economic, technological, and ecological backgrounds. They will be able to analyze and classify urban developments in temporal, spatial, cultural, and social context. They have a fundamental understanding of the urban historical aspects of a place.
- At the neighborhood, building, and apartment levels, students recognize the connections between the structural design and the quality of urban spaces. They can evaluate different urban typologies in terms of use, density, spatial structure, and social diversity. They understand the importance of the relationship between private and public space and the influence of mobility on urban space.
- Students are familiar with concepts of sustainable urban development, climate-adapted urban development, and resilient urban design. They can develop strategies for Identify adaptations to climate change (e.g., green infrastructure, sponge city principle, heat-adapted construction methods) and take them into account in urban design projects. You are able to think holistically about ecological, social, and economic sustainability aspects.
- You are proficient in conducting independent research on urban planning topics using scientific methods. You can identify and evaluate relevant sources from archives, libraries, and digital media, evaluate them, and translate them into context-related questions. They develop their own urban mapping and analyses and are able to present and reflect on them in a comprehensible manner.

Contents

- Introduction to the history of urban development: typologies, historical periods of urban development, social and technological influencing factors.
- Analysis and presentation of historical and contemporary urban designs and neighborhoods using exemplary national and international examples. Development of own analyses through drawing, mapping, text, and models.
- Introduction to theories and concepts of sustainable and climate-resilient urban development: climate adaptation, open space design, rainwater management, urban biodiversity, social resilience, energy efficiency, and circular economy.
- Examination of current challenges in urban development (e.g., climate change, resource consumption, mobility change, urbanization) and their influence on architectural and urban planning concepts.
- Teaching methods of urban space analysis, critical reflection, and context-related design strategies.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective
Recommended degree program		

Subject-specific architecture		
Recommended prerequisites for participation		
None		
Examination		Prerequisite for the award of ECTS
☒ Written exam ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio including presentation ☐ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Prof. Lena Piepmeyer		Prof. Lena Piepmeyer

Literature/learning aids

- Leonardo Benevolo: The History of the City / Campus Verlag, 2007
- Helmut Bott, et al.: Sustainable Urban Planning / Edition Detail, 2013
- Klaus Burmeister et al.: The City as a System: Trends and Challenges for Future-Resilient Cities / Oekom Verlag, 2016
- Jan Gehl: Life Between Buildings / Jovis Verlag, 2012
- Peter Ebner, et al.: Typology + / Birkhäuser 2009
- Jens Jakob Happ et al.: For a Sustainable Architecture of the City / Verlag Klaus Wagenbach, 2025
- Wolfram Hoepfner, et al.: History of Housing / DVA 1999
- Vittorio Magnago Lampugnani: The City in the 20th Century: Visions, Designs, Buildings, (2 volumes) / Verlag Klaus Wagenbach, 2010
- Javier Mozas: 10 Stories of Collective Housing / a+t, 2014
- Inga Mueller-Haagen, et al.: The DNA of the City. An Atlas of Urban Structures in Germany / Schmidt Hermann Verlag, 2014
- Michael Peterek: Apartment, Housing Estate, City – Paradigms of Modernism 1910-1950 / Gebr. Mann Verlag, 2000
- Leonhard Schenk: Designing the City / Birkhäuser, 2013
- Thomas Sieverts: Zwischenstadt (In-Between City) / Springer-Verlag, 2013
- Wüstenrot Foundation: Raumpilot Vol. 1-4 / Karl Krämer Verlag, 2010
- Tomas Valena: City and Topography / Ernst & Sohn, 1990
- Ilka Walljes: Climate-friendly and Sustainable Urban Development / Oekom Verlag, 2024

Max. number of participants
25
Status: WS 2025/2026

Module title: Architecture in Historical Context				**Module no.: BAR 4.4**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	4th semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competence goals (learning outcomes)

- Students have a sufficient understanding and knowledge of architectural history, qualities, and possibilities of existing buildings.
- They are able to conduct independent, qualified research on topics and identify the necessary sources from archives, libraries, or the Internet.
- They are able to extract the most important essentials from the wealth of information available and use them for a simple academic paper.
- They will master simple procedures and methods of architectural inventorying. They will be able to discuss issues in the context of historical substance in a well-founded manner.
- You have the ability to find an appropriate architectural solution for a given task in the context of a historically influenced environment or in direct relation to or within a historical building fabric.

Contents

- History and theory of monument preservation, monument law, examples of architectural engagement with historical structures.
- Students are introduced to the systematics, structure, and creation of a room book, as well as the methodology and creation of a simple building survey.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Recommended degree program

Subject-specific architecture

Recommended prerequisites for participation

None

Examination		Prerequisite for the award of ECTS
☒ Written exam ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☐ Portfolio ☒ Seminar paper and term paper ☐ practical examination	Passed the exam with at least a satisfactory grade
Instructor		Module coordinator
Prof. Daniel Hoheneder		Prof. Daniel Hoheneder

Literature/learning aids

- Achim Hubel: Monument Preservation – History, Topics, Tasks / Philipp Reclam jun. Verlag GmbH, 2024
- Alois Riegl: The Modern Cult of Monuments – Its Nature and Origin / Braumüller, 1903
- Ingrid Scheurmann: Contours and Conjunctures of Monument Preservation - Dealing with Architectural Relics of the Past / Böhlau Verlag, 2018

Maximum number of participants
50
Status: WS 2025/2026

Module title: Planning and Building Law I				**Module no.: BAR 4.5**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	5th semester	☒ every winter semester ☐ every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/Teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Students will acquire knowledge of the fundamentals of public and private construction law.
- Students will be able to navigate the relevant legal texts and understand the structure and content of the regulations.
- Students will have an overview of the legal framework and essential principles of the German Civil Code (BGB), the German Building Code (BauGB), the Berlin Building Regulations (LBauO), the German Fee Structure for Architects and Engineers (HOAI), and the German Construction Contract Procedures (VOB).
- Students acquire the ability to recognize the professional, construction, and civil law contexts that architects encounter in their work and on construction sites.
- Students acquire the ability to recognize and solve legal problems in practice in the future.

Contents

- This module teaches the fundamentals of planning and construction law.
- The focus is on the following topics:
    - Fundamentals of constitutional and administrative law
    - Fundamentals of planning law
    - Urban land-use planning (content, procedures, tasks, terms)
    - Fundamentals of building regulations and general provisions of state building regulations
    - Requirements for buildings
    - Procedural regulations
    - Conclusion of various contracts, including obligations, warranty rights, and acceptance (purchase agreement, service contract)
    - Introduction to the contract for work and services, architect contract, general planner contract,
      construction contracts, general contractor contracts, and sub-planner contracts
    - General contract law
    - Introduction to HOAI and VOB/B
        - Determination of project costs in accordance with DIN 276
        - Determination of floor areas and volumes of buildings in accordance with DIN 277
    - HOAI and the service phases
    - Fundamentals of public procurement law
    - Contract drafting
- Knowledge is imparted through lectures and seminar exercises with practical applications.

Usability of the module

BA Architecture ☒ Compulsory subject ☐ Elective subject

Recommended degree program

Subject-specific Architecture		
Recommended prerequisites for participation		
None		
Examination formats		Prerequisite for the awarding of ECTS
☒ Written exam ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☐ Portfolio ☒ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
LBA RA Karsten Meurer, Prof. Petra Riegler-Floors		Prof. Petra Riegler-Floors
Literature/learning aids		

- Hans Brox, Wolf-Dietrich Walker: General Law of Obligations – 45th edition / C.H.Beck, 2021
- Hans Brox, Wolf-Dietrich Walker: Special Law of Obligations - 45th edition / C.H.Beck, 2021
- Astrid Stadler: General Part of the German Civil Code (BGB) – 20th edition / C.H.Beck, 2020
- Uli Jungmann, Klaus Lambrecht: GEG in Pictures / Rudolf Müller, 2021
- Ulrich Battis, Michael Krautzberger, Rolf-Peter Löhr: Building Code Commentary – 14th edition / C.H.Beck, 2019
- Helmut Sauter: State Building Code for Baden-Württemberg Commentary - 3rd edition / W. Kohlhammer, 2012
- Otto Palandt: Civil Code Commentary - 80th edition / C.H.Beck, 2021
- Ferdinand Kopp, Ulrich Ramsauer: Administrative Procedure Act Commentary – 22nd edition / C.H.Beck, 2021
- Karsten Meurer, Alfred Morlock: The HOAI in Practice - 11th edition / Werner Verlag, 2021
- Ralf Leinemann: VOB/B - Commentary - 7th edition / Werner Verlag, 2019

Max. number of participants
50
Status: WS 2025/2026

Module title: Planning and Construction Law II				**Module no.: BAR 4.6**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	6th semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Students learn the basics of planning and building law in relation to the planning, construction, and demolition of sustainable and recyclable buildings.
- They will be able to draw conclusions about new building design based on their knowledge of the legal requirements for the construction and demolition of buildings and the recycling of building materials.
- Students acquire the ability to implement planning concepts in a sustainable and recyclable manner in accordance with applicable law, as well as the ability to analyze existing buildings in terms of their sustainability and recyclability in accordance with applicable law.
- They will be able to respond to different levels of criticism in a professional and constructive manner.
- Students acquire the ability to develop their individual qualifications and profile for professional practice
- Students have learned to visually present their acquired knowledge to a group using selected buildings and to discuss individual aspects with the group.

Contents

- This module teaches the planning and building law basics for the construction and demolition of buildings. It addresses the legal requirements that determine the planning of sustainable and recyclable buildings.
- The focus of the teaching is on the following topics: on the one hand, existing laws and regulations such as the Building Energy Act (GEG), the Closed-Loop Waste Management Act (KrWG), the Mantelverordnung (Mantel Ordinance), the Waste Framework Directive, Commercial Waste Ordinance (GewAbfV), Waste Wood Ordinance (AltholzV), and the relevant areas of public building law (building planning and building regulations law), and on the other hand in following the development processes of new laws and ordinances at European, federal, and state level that affect the planning of sustainable buildings.
- Knowledge is imparted through lectures on the one hand and guided independent research on specified topics by the students on the other. The knowledge acquired is then applied in exercises.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective
Recommended degree program		
Subject-specific architecture		
Recommended prerequisites for participation		
None		
Examination		Prerequisite for the award of ECTS

☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. Presentation ☐ Seminar and term paper ☐ Practical examination	Minimum grade of "sufficient" in the examination
Instructor		Module coordinator
LBA RA Karsten Meurer, Prof. Petra Riegler-Floors		Prof. Petra Riegler-Floors

Literature/learning aids

- Annette Hillebrandt, Petra Riegler-Floors, Anja Rosen, Johanna Seggewies: Atlas Recycling / Edition Detail, 2018
- Dr. Juliane Albrecht (project management), Prof. Dr. Jochen Schanze (project management), Linda Klimmer, Sebastian Bartel: Climate adaptation in regional planning, urban development, and environmental planning law, as well as in the law governing municipal public services / Federal Environment Agency, 2018
- Luise Adrian, Dr. Stephanie Bock, Prof. Dr. Arno Bunzel, Thomas Preuß, Magdalene Rakel; German Institute for Urban Studies gGmbH, Berlin: Instruments for reducing land consumption / Federal Environment Agency, 2018
- Stefan Frerichs, Christoph Küpper, Bernd Noky, André Simon BKR Aachen Noky & Simon Partnership, AachenLuise Adrian, Prof. Arno Bunzel, Ricarda Pätzold, Magdalene Rakel German Institute for Urban Studies (Difu Berlin): Environmental and residential quality in compact urban and mixed-use city structures – analyses, case studies, approaches to action using and further developing building planning and environmental law / Federal Environment Agency, 2018
- Astrid Stadler: General Part of the German Civil Code (BGB) – 20th edition / C.H.Beck, 2020
- Uli Jungmann, Klaus Lambrecht: GEG in Pictures / Rudolf Müller, 2021
- Ulrich Battis, Michael Krautzberger, Rolf-Peter Löhr: Building Code Commentary – 14th edition / C.H.Beck, 2019
- Helmut Sauter: State Building Code for Baden-Württemberg Commentary - 3rd edition / W. Kohlhammer, 2012
- A project-specific reading list will be provided with the assignment.

Max. number of participants
50
Status: WS 2025/2026

PRESENTATION, DESIGN, AND CONTEXT

Module title: Presentation I				**Module no.: BAR 5.1**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	1st semester	☒ Every winter semester ☐ Every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/Teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise, project		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Teaching basic knowledge of color theories and the laws of color.
- Acquire fundamental knowledge of historical color theories and philosophies in the context of color, art, and architecture.
- Advanced knowledge:
  - Representation techniques and illustration of architectural spaces and objects in analytical two-dimensional drawings.
  - Depiction of architectural objects in analytical models.
  - Systematic knowledge of cognitive science, perception psychology, and Gestalt theory.
- You have a basic knowledge of the laws and assessment principles of sensory, primarily visual perception of architectural spaces.
- Digital:
  Course participants will be able to confidently apply two- and three-dimensional CAD design methods and master the basic principles of visualization and presentation techniques.
- Students will thus be able to use computer-aided media in combination for independent application in the design and planning process.

Contents

- Through independent and free use of visual design tools within architectural design projects, an awareness of form and a sensitivity and competence for design are awakened.
- Color mixtures, the expression and effect of colors, color mixtures and color tone uniformity, as well as their mutual influence, are related to architecture and space and are specifically addressed.
- Teaching relevant knowledge of color theory, aesthetics, perception psychology, descriptive geometry/perspective.
- Digital:
  During the exercise, students learn how to work creatively and effectively with the computer.
- They learn how to create two-dimensional architectural drawings and are introduced to the basics of 3D modeling and visualization. In addition, the basic principles of common layout and presentation techniques are explained and applied in the the creation of presentation plans.

Usability of the module

BA Architecture	☒ Compulsory subject	☐ Elective

Study program recommendation

Subject-specific architecture		
Recommended prerequisites for participation		
None		
Examination		Prerequisite for the award of ECTS
☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio including presentation ☐ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory for the examination
Instructor		Module coordinator
Variable, lecturers from the Department of Design or lecturers from the Architecture program		Prof. Andrea Wandel
Literature/learning aids		

- Hans Gekeler: Handbook of Color - Systematics, Aesthetics, Practice / Dumont, 2005
- Johann Wolfgang von Goethe: Theory of Colors - 1810 / Harenberg Kalender, 1985
- Johann Wolfgang von Goethe: History of Color Theory - Parts One and Two / 1963
- Johannes Itten: The Art of Color - 1961 / Englisch Verlag, 2010
- Paul Klee: Pictorial Thinking - 5th edition / 1990
- Harald Küppers: The Basic Law of Color Theory / Dumont, 1986
- Friedrich Schmuck: Color and Architecture 1+2 / Callwey, 1999
- Bruno Taut: Nature and Imagination 1880–1938 / Ernst & Sohn, 1995
- Klaus Stromer: Color Systems in Art and Science - With contributions by Narciso Silvestrini and E. P. Fischer / Cologne, 2002

Maximum number of participants
50
Status: WS 2025/2026

Module title: Representation II				**Module no.: BAR 5.2**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	2nd semester	☐ Every winter semester ☒ every summer semester ☐ as needed		5 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise, project		3.5 hours per week / 52.5 hours	97.5 hours	150 hours	

Competency goals (learning outcomes)

- Teaching basic knowledge and principles of visual perception and spatial representation.
- Acquisition of fundamental knowledge of spatial drawing in the context of cultural-historical developments – architecture – space – time – continuum.
- Advanced knowledge: Representation techniques for architectural spaces and objects in analytical drawing.
  Depiction of architectural objects/spaces in analytical models.
- Systematic knowledge of cognitive science, perception psychology, and Gestalt theory.
- You will have a basic knowledge of the principles and assessment criteria of sensory, primarily visual perception of architectural spaces.
- Digital:
  Students are able to confidently use computer-aided architectural presentation and presentation techniques in the design and planning process.

Content

- Through independent and free use of visual design tools in architectural design projects, students develop an awareness of form, design sensitivity, and competence.
- The module imparts relevant knowledge in the auxiliary sciences: perception psychology, color theory, aesthetics, descriptive geometry/perspective, perception theory of space, and psychogeography.
- Students' understanding of the fundamentals of spatial perception and its representation, representation techniques, descriptive geometry/perspective, and spatial forms of representation is developed through exercises and freehand perspective drawing on architectural objects.
- Digital:
  Students gain an overview of the various computer-aided architectural forms of representation. You will be introduced to digital imaging and the management of large image volumes and, in addition to digital image processing, you will learn how to create image montages.
- The use of common layout programs will be demonstrated and applied within the lecture.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Recommended for

Relevant for all degree programs in the Department of Design.

Recommended prerequisites for participation

None		
Examination		Prerequisite for the award of ECTS
☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. presentation ☐ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Variable, lecturers from the Department of Design or lecturers from the Architecture program		Prof. Andrea Wandel
Literature/learning aids		
▪ Hans Döllgast: Hans Döllgast - 1891-1974 / Callwey, 1987 ▪ Hans Döllgast: Drawing Houses - 1957 / Maro Verlag, 1993 ▪ Franco Fonati: Elementary Design Principles / Ed. Tusch, 1988 ▪ Felix König: Buildings in Hand Drawings with Correct Perspective / Bauverlag, 1978 ▪ Cornelie Leopold: Geometric Fundamentals of Architectural Representation / Vieweg+Teubner, 2009 ▪ Heinrich Tessenow: House Building and the Like. 1938 / Callwey, 1984 ▪ Franz Zeier: Paper - 5th edition / Haupt, 2009		
Maximum number of participants		
50		
Status: WS 2025/2026		

Module title: Design Department Interdisciplinary Project Week I				**Module no.: BAR PM 1**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 week	3rd semester	☒ Every winter semester ☐ Every summer semester ☐ As needed		3 ECTS	Based on the subject-specific study regulations
Courses/Teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise		2 hours per week / 30 hours	60 hours	90 hours	

Competency goals (learning outcomes)

- The aim of the workshops is to train creative, interdisciplinary work in small groups.
- Communication and teamwork skills are taught.
- Possess the skills to fulfill simple requirements in a manageable and stable learning or working environment.
- Tasks are performed under supervision.
- 1. Knowledge: Possess basic general knowledge. Have an initial insight into a learning or working environment.
- 2. Skills: Possess cognitive and practical skills to perform simple tasks according to specified rules and evaluate their results.
  Establish basic connections.
- 3. Social competence: Learn or work with others, obtain and exchange information verbally and in writing.
- 4. Independence: Learn or work under supervision.
  Assess your own actions and those of others, and accept learning advice.

Contents

Exercises, workshops, and excursions in an interdisciplinary, creative context.

Applicability of the module		
BA Architecture	☐ Compulsory	☒ Elective
BA Gemstone and Jewelry	☐ Compulsory	☒ Elective
BA Interior Design	☐ Compulsory subject	☒ Elective
BA Intermedia Design B7	☐ Compulsory subject	☒ Elective
BA Intermedia Design B7	☐ Compulsory subject	☒ Elective
BA Communication Design 7	☐ Compulsory subject	☒ Elective
BA Fashion Design	☐ Compulsory subject	☒ Elective

Recommended degree program

Relevant for all degree programs in the Department of Design.

Recommended prerequisites for participation

None

Examination formats		Requirements for awarding ECTS credits
☐ Written exam ☐ Oral examination ☐ Internship /laboratory work ☐ Colloquium	☒ Project presentation ☐ Portfolio ☐ Seminar paper and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Variable, instructors from the Design Department		Program director
Literature/learning aids		
▪ Elisabeth Hartung: Designing Visions: New Interdisciplinary Ways of Thinking and Practices in Design, Art, and Architecture / avedition - Verlag für Architektur und Design, 2017 ▪ A topic-specific literature list will be provided with the assignment.		
Maximum number of participants		
To be determined according to the respective program		
Status: WS 2025/2026		

Module title: Department of Design Interdisciplinary Project Week II				**Module no.: BAR PM 2**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 week	5th semester	☒ Every winter semester ☐ Every summer semester ☐ As needed		3 ECTS	Based on the subject-specific study regulations
Courses/Teaching methods		Contact time	Self-study	Total workload for students	
Lecture, seminar, exercise		2 hours per week / 30 hours	60 hours	90 hours	

Competency goals (learning outcomes)

- The aim of the workshops is to train creative, interdisciplinary work in small groups.
- Communication and teamwork skills are trained.
- Possess the skills to fulfill simple requirements in a manageable and stably structured learning or working environment.
- The tasks are completed under supervision.
- 1. Knowledge: Possess basic general knowledge. Have an initial insight into a field of study or work.
- 2. Skills: Possess cognitive and practical skills to perform simple tasks according to specified rules and evaluate their results.
  Establish basic connections.
- 3. Social competence: Learning or working with others, obtaining and exchanging information verbally and in writing.
- 4. Independence: Learn or work under guidance.
  Assess one's own actions and those of others and accept learning advice.

Contents

Exercises, workshops, and excursions in an interdisciplinary, creative context.

Usability of the module		
BA Architecture	☐ Compulsory subject	☒ Elective subject
BA Gemstones and Jewelry	☐ Compulsory subject	☒ Elective
BA Interior Design	☐ Compulsory subject	☒ Elective
BA Intermedia Design B7	☐ Compulsory subject	☒ Elective
BA Intermedia Design B7	☐ Compulsory subject	☒ Elective
BA Communication Design 7	☐ Compulsory subject	☒ Elective
BA Fashion Design	☐ Compulsory subject	☒ Elective

Recommended degree program

Relevant for all degree programs in the Department of Design.

Recommended prerequisites for participation

None

Examination formats		Prerequisite for the award of ECTS
☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☒ Project presentation ☐ Portfolio ☐ Seminar paper and term paper ☐ Practical examination	Minimum grade of satisfactory
Instructor		Module coordinator
Variable, instructors from the Design Department		Program director
Literature/learning aids		
▪ Elisabeth Hartung: Shaping Visions—New Interdisciplinary Ways of Thinking and Practices in Design, Art, and Architecture / avedition—Publisher for Architecture and Design, 2017 ▪ A topic-specific reading list will be provided with the assignment.		
Maximum number of participants		
To be determined according to the respective program		
Status: WS 2025/2026		

Module title: Excursion				**Module no.: BAR EX**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
Variable	From the 4th semester	☐ Every winter semester ☐ Every summer semester ☒ as needed		3 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Excursion, seminar		2 hours per week / 30 hours	60 hours	90 hours	

Competence goals (learning outcomes)

- A key qualification objective is to recognize different types of building structures within their regional and specific context.
- After completing the course, students will have learned how to present complex architectural topics to a group.

Contents

- Complex architectural topics are explored on site through national and international excursions lasting several days.
- The analysis of the spatial relationships of urban structures, their emergence in a historical and sociocultural context, as well as contemporary developments and characteristics down to architecturally effective details are a focal point.
- Excursions serve to provide an experience of cultural, social, and political systems, as well as geological and climatic conditions and their influence on architecture, in order to better understand one's own environment.

Usability of the module

BA Architecture	☐ Compulsory	☒ Elective

Recommended degree program

For all degree programs in the Department of Design. Subject-specific architecture.

Recommended prerequisites for participation

None

Examination		Prerequisite for the award of ECTS
☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☐ Portfolio ☒ Seminar and term paper ☐ Practical examination	Minimum grade of satisfactory

Instructor	Module coordinator
Variable, instructors of the architecture program	Program director

Literature/learning aids

- Rainer Wieland: The Book of Travel – From the Seafarers of Antiquity to the Adventures of Our Time – 4th edition / Propyläen Verlag, 2015
- Michel De Montaigne: Journal of a Journey to Italy through Switzerland and Germany - 1580–1581
- Richard Lassels: The Voyage of Italy / Paris, 1670
- Johann Wolfgang von Goethe: Travel Diary 1786–1788 – Diary of the Italian Journey for Frau von Stein – 2 volumes, Volume 1: Facsimile of Goethe's manuscript and Volume 2: Transcription by Wolfgang Albrecht / edited by Konrad Scheuermann and Jochen Golz
- Ivan Zaknic: Klip [August Klipstein] and Corb [Le Corbusier] on the Road / Scheidegger & Spiess, 2019
- A topic-specific reading list will be provided depending on the destination of the excursion.

Maximum number of participants
25
Status: WS 2025/2026

FINAL THESIS

Module title: Thesis				**Module no.: BAR 1.6.1**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	6th semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		6 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Project		2 hours per week / 30 hours	150 hours	180 hours	

Competency goals (learning outcomes)

- Students are able to apply the knowledge and skills acquired in the courses to solve a given task.
- They have mastered the necessary technical and methodological prerequisites for planning and designing buildings, as well as presenting them in appropriate media (plans, models, digital models).
- They are competent in analyzing problems and developing problem-solving concepts.
- They have the ability to communicate and present all information, ideas, and solutions to specialists or laypeople.

Contents

- The thesis should address application-oriented architectural topics, preferably those dealing with design and construction in the context of an architectural idea. This may also include tasks related to building renovation, building management, and the professional use of architectural informatics.
- The idea and conceptual thoughts behind the thesis must be formulated in writing in a thesis paper. This paper will be examined for competence in the formulation of relevant technical content and its interpretation, taking into account the social, scientific, and ethical implications.
- Thesis topics can also be formulated, proposed, and applied for as individual assignments by students. The examination board decides on the approval of the topic.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Study program recommendation

Subject-specific architecture.

Requirements for participation

According to the current examination regulations, students may register for their final thesis at the earliest after they have been notified that they have achieved 150 credit points (ECTS).

Examination formats	Prerequisite for the awarding of ECTS

☐ Written ☐ Oral exam ☐ Internship /laboratory work ☐ Colloquium	☐ Project presentation ☒ Portfolio incl. presentation ☐ Seminar and term paper ☐ Practical examination	At least satisfactory Passed exam
Instructor		Module coordinator
Variable, lecturers from the Architecture program		Program director
Literature/learning aids		
▪ Marc Angélil; Dirk Hebel: Architektur Entwerfen / Birkhäuser, 2008 ▪ Jörg Joppien: Design Theory – A Search – Teaching Design / Wasmuth, 2008 ▪ Bert Bielefeld; Sebastian El Khouli: Design Idea / Birkhäuser, 2010 ▪ Christian Gänshirt: Tools for Ideas / Walter de Gruyter, 2012 ▪ Gesche Joost, et.al.: Design as Research - Positions, Arguments, Perspectives - Board of International Research in Design / Birkhäuser, 2016 ▪ Laurene Vaughan: Practice-based Design Research / Bloomsbury Visual Arts, 2016 ▪ K. Jormakka: Basics - Methods of Form Finding / Birkhäuser, 2008 ▪ Peter Eisenman: Ten Canonical Buildings - 1950-2000 / Rizzoli International Publications, 2008 ▪ A topic-specific reading list will be provided with the assignment.		
Maximum number of participants		
25 people		
Status: WS 2025/2026		

Module title: Colloquium on the final thesis				**Module no.: BAR 1.6.2**	
Module duration	Semester in which the module takes place	Frequency		Credit points (ECTS)	Weighting of the grade for the final grade
1 Semester	6th semester	☐ Every winter semester ☒ Every summer semester ☐ as needed		3 ECTS	Based on the subject-specific study regulations
Courses/teaching methods		Contact time	Self-study	Total workload for students	
Project		1.5 hours per week / 22.5 hours	67.5 hours	90 hours	

Competency goals (learning outcomes)

- Acquire competencies for planning, processing, and evaluating comprehensive technical tasks and problems, as well as for independently managing processes in subfields of a scientific discipline or in a professional field of activity. The requirements structure is characterized by complexity and frequent changes.
- They possess broad and integrated knowledge, including scientific fundamentals, the practical application of a scientific subject, and a critical understanding of the most important theories and methods, or have broad and integrated professional knowledge, including current developments in the field. Possess knowledge for the further development of an academic subject or a professional field of activity. Possess relevant knowledge at the interfaces to other areas.
- You possess skills across a very broad spectrum of methods for dealing with complex problems in a scientific subject, other areas of learning, or a professional field of activity. Develop new solutions and evaluate them taking into account different standards, even when requirements change frequently.
- You possess social competence: you can present complex subject-related problems and solutions to experts in a convincing manner and develop them further with them.
- You are able to independently define, reflect on, and evaluate goals for learning and work processes and to design learning and work processes independently and sustainably.

Contents

- Media-appropriate presentation and technically and rhetorically correct presentation of the independently developed planning solution for the thesis.
- Reflection: (Self-)critical assessment of the bachelor's thesis.

Usability of the module		
BA Architecture	☒ Compulsory subject	☐ Elective

Study program recommendation

Subject-specific architecture.

Recommended prerequisites for participation

Accompanying the thesis

Examination	Prerequisite for the award of ECTS

☐ Written ☐ Oral exam ☐ Internship /laboratory work ☒ Colloquium	☐ Project presentation ☐ Portfolio ☐ Seminar and term paper ☐ Practical exam	At least satisfactory Passed exam
Instructor		Module coordinator
Variable, instructors of the architecture program		Program director
Literature/learning aids		
▪ Nils Schulenburg: Excellent Presentations – The Psychology of Successful Idea Communication Tools and Techniques for Outstanding Presentations / Springer Gabler, 2018 ▪ Frank P. Jäger, et al.: Offensive Architecture – Presentation, Public Relations, and Marketing for Architects / Jovis, 2004		
Max. participants		
25		
Status: WS 2025/2026		