Course Handbook Architecture Bachelor

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Head of Studies	Prof. Dr.-Ing. Amelie Rost
Deputy Head of Studies	Prof. Dipl.-Ing. Eve Hartnack
Chairman of Examination	Prof. Dipl.-Ing. Matthias Michel
Deputy Chairman of Examination	Prof. Dipl.-Ing. Ludger Bergrath

Architecture Bachelor - mandatory courses (overview)

Module name (EN)	Code	SAP-P	Semester	Hours per semester week / Teaching method	ECTS	Module coordinator
Architectural Theory	ABA-3.4	P120-0143	6	2V	3	Prof. Dr.-Ing. Ulrich Pantle
Art and Architectural History	ABA-3.1	P120-0078	1	4V	6	Prof. Dr.-Ing. Ulrich Pantle
Building Construction 1	ABA-5.1	P120-0006, P120-0009	1	5VU	6	N.N.
Building Construction 2	ABA-5.3	P120-0010	2	5VU	6	N.N.
Building Construction 3	ABA-5.5	P120-0017	3	5VU	6	Studienleitung
Building Construction 4	ABA-5.7	P120-0018	4	8VU	9	Prof. Dipl.-Ing. Matthias Michel
Building Construction 5	ABA-5.9	P120-0025	5	5VU	6	Prof. Dipl.-Ing. Matthias Michel
Building Typology	ABA-3.2	P120-0062, P120-0124	3	5V	6	Studienleitung
CAD 1 / Technical Drawing	ABA-4.2		2	6U	6	

Module name (EN)	Code	SAP-P	Semester	Hours per semester week / Teaching method	ECTS	Module coordinator
		P120-0047, P120-0048				Prof. Dr.-Ing. Amelie Rost
Design 1 Urban Project - Advanced Project Urban Design 1	ABA-1.3	P120-0053	3	5VU+5PA	12	Prof. Dipl.-Ing. Eve Hartnack
Design 2 Socio-Cultural Project - Advanced Urban Design 2	ABA-1.4	P120-0054	4	3U+5PA	9	Prof. Dipl.-Ing. Eve Hartnack
Fundamental Design 1	ABA-1.1	P120-0069	1	7PA	9	Prof. Dr.-Ing. Amelie Rost
Fundamental Design 2	ABA-1.2	P120-0071	2	7PA	9	Prof. Dr.-Ing. Ulrich Pantle
Representation 1	ABA-4.1	P120-0046	1	6U	6	M.Eng. Alba Vicente
Sociology	ABA-3.3	P120-0082	5	2V	3	Prof. Dr.-Ing. Ulrich Pantle

(15 modules)

Architecture Bachelor - optional courses (overview)

Module name (EN)	Code	SAP-P	Semester	Hours per semester week / Teaching method	ECTS	Module coordinator
English for Architects 1	ABA-2.2-E	P120-0139	4	2V	3	Dr. Yuliya Stodolinska
English for Architects 2	ABA-2.3-E	P120-0140	5	2V	3	Dr. Yuliya Stodolinska
French for Architects 1	ABA-2.2-F	P120-0141	4	2V	3	Dr. Yuliya Stodolinska
French for Architects 2	ABA-2.3-F	P120-0142	5	2V	3	Dr. Yuliya Stodolinska

(4 modules)

Architecture Bachelor - mandatory courses

Architectural Theory

Module name (EN): Architectural Theory
Degree programme: Architecture, Bachelor, regulation 01.10.2021
Module code: ABA-3.4
Hours per semester week / Teaching method: 2V (2 hours per week)
ECTS credits: 3
Semester: 6
Mandatory course: yes
Language of instruction: German
Assessment: Term paper [*updated 04.10.2020*]
Applicability / Curricular relevance: B-A-3.4 (P120-0143) Architecture, Bachelor, regulation 01.10.2013 , semester 6, mandatory course ABA-3.4 (P120-0143) Architecture, Bachelor, regulation 01.10.2020 , semester 6, mandatory course ABA-3.4 (P120-0143) Architecture, Bachelor, regulation 01.10.2021 , semester 6, mandatory course
Workload: 30 class hours (= 22.5 clock hours) over a 15-week period. The total student study time is 90 hours (equivalent to 3 ECTS credits). There are therefore 67.5 hours available for class preparation and follow-up work and exam preparation.
Recommended prerequisites (modules): ABA-3.1 Art and Architectural History [*updated 11.10.2023*]
Recommended as prerequisite for:
Module coordinator: Prof. Dr.-Ing. Ulrich Pantle

Lecturer:
Prof. Dr.-Ing. Ulrich Pantle

[*updated 11.10.2023*]

Learning outcomes:
After successfully completing this module, students will:
_ have basic knowledge in architectural theory.
_ be familiar with the important basic concepts and their aesthetic, ethical, cultural and humanistic importance, as well as their connections in architecture.
_ be able to see, understand and classify architecture and the content of related disciplines in a theoretical context and to reflect and evaluate their own design work theoretically.
Personal competence:
_ Increase competence in scientific working skills.

[*updated 04.10.2020*]

Module content:
_ Introduction to the theoretical foundations of architecture and the important architectural theoretical discourses from the 19th century to the present on the basis of topics such as perception, aesthetics, body, space, atmosphere, place, nature, technology, rationality, order, function, type, tectonics, stereotomy, construction, facade, everyday life, participation, memory, image, narration, etc.
_ Exercises with simple research and analysis tasks in connection with the content of the lecture will culminate in a term paper written according to the rules of good scientific practice.

[*updated 04.10.2020*]

Teaching methods/Media:
None

[*updated 04.10.2020*]

Recommended or required reading:
_ de Bruyn, Gerd u.a. (Hg.): architektur_theorie.doc. Basel 2003
_ Hahn, Achim: Architekturtheorie. Konstanz 2008
_ Jormakka, Kari: Geschichte der Architekturtheorie. Wien 2003
_ Lampugnani, Vittorio Magnago u.a. (Hg.): Architekturtheorie 20. Jahrhundert. Ostfildern-Ruit 2004
_ Moravánszky, Ákos: Architekturtheorie im 20.Jh. Wien 2003
_ Additional topic-specific literature

[*updated 04.10.2020*]

Art and Architectural History

Module name (EN): Art and Architectural History

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-3.1

Hours per semester week / Teaching method:
4V (4 hours per week, accumulated)

ECTS credits:
6

Semester: 1

Duration: 2 semester

Mandatory course: yes

Language of instruction:
German

Assessment:
Written exam

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-3.1 (P120-0078) Architecture, Bachelor, regulation 01.10.2013 , semester 1, mandatory course
ABA-3.1 (P120-0078) Architecture, Bachelor, regulation 01.10.2020 , semester 1, mandatory course
ABA-3.1 (P120-0078) Architecture, Bachelor, regulation 01.10.2021 , semester 1, mandatory course

Workload:
60 class hours (= 45 clock hours) over a 15-week period.
The total student study time is 180 hours (equivalent to 6 ECTS credits).
There are therefore 135 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
None.

Recommended as prerequisite for:
ABA-3.3 Sociology
ABA-3.4 Architectural Theory

[*updated 11.10.2023*]

Module coordinator:
Prof. Dr.-Ing. Ulrich Pantle

Lecturer:
Prof. Dr.-Ing. Ulrich Pantle

[*updated 11.10.2021*]

Learning outcomes:
After successfully completing this module, students will:
_ have basic knowledge about European art, architecture, urban and cultural history from early times to the present, as well as basic knowledge regarding the prinicples of scientific work and the methodology of art history.
_ will be able to grasp and analyze architecture and works of related artistic disciplines, beyond an ordinary understanding of style, as an expression of their respective times, and will be able to understand art and building history as a stimulus for their own design work.
Personal competence:
_ Ability to find and use literature independently
_ Ability to process content independently
_ The students´ judgement will be trained

[*updated 04.10.2020*]

Module content:
Chronological presentation of the historical development of art and architecture as a cultural achievement within a western civilization process.
Art and Architectural History 1:
_ Architecture and works of related artistic disciplines from early times to the 19th century will be introduced and analyzed.
Art and Architectural History 2:
_ Architecture and the works of related artistic disciplines from the 19th century to the present will be introduced and analyzed.

[*updated 04.10.2020*]

Teaching methods/Media:
None

[*updated 04.10.2020*]

Recommended or required reading:
_ Benevolo, Leonardo: Die Geschichte der Stadt. Frankfurt a.M. 2000
_ Frampton, Kenneth: Die Architektur der Moderne. München 2010
_ Joedicke, Jürgen: Architekturgeschichte des 20. Jh. Stuttgart 1998
_ Joedicke, Jürgen: Raum und Form in der Architektur. Stuttgart 1985
_ Lampugnani, Vittorio M.: Die Stadt im 20. Jahrhundert. Berlin 2010
_ Müller, Werner; Gunther Vogel: dtv-Atlas Baukunst. München 2005
_ Pevsner, Nikolaus u.a.: Lexikon der Weltarchitektur. München 1992
_ Philipp, Klaus J.: Das Reclam Buch der Architektur. Ditzingen 2006
_ Additional topic-specific literature

[*updated 04.10.2020*]

Building Construction 1

Module name (EN): Building Construction 1

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-5.1

Hours per semester week / Teaching method:
5VU (5 hours per week)

ECTS credits:
6

Semester: 1

Mandatory course: yes

Language of instruction:
German

Assessment:
Written exam (33%) + term paper (66%)

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-5.1 (P120-0006, P120-0007) Architecture, Bachelor, regulation 01.10.2013 , semester 1, mandatory course
ABA-5.1 (P120-0006, P120-0009) Architecture, Bachelor, regulation 01.10.2020 , semester 1, mandatory course
ABA-5.1 (P120-0006, P120-0009) Architecture, Bachelor, regulation 01.10.2021 , semester 1, mandatory course

Workload:
75 class hours (= 56.25 clock hours) over a 15-week period.
The total student study time is 180 hours (equivalent to 6 ECTS credits).
There are therefore 123.75 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
None.

Recommended as prerequisite for:
ABA-5.3 Building Construction 2
ABA-5.5 Building Construction 3
ABA-5.7 Building Construction 4

[*updated 03.08.2026*]

Module coordinator:
N.N.

Lecturer:
Lehrbeauftragte
M.Eng. Arch. AKS Georg Müller
Gaston Glatz, M.Sc.

[*updated 03.08.2026*]

Learning outcomes:
After successfully completing this module, students will:
_ be familiar with and understand basic topics in building construction and architecture.
_ be familiar with the connections between conception, design and building construction, as well as the historical-socio-cultural development of building construction.
_ will understand construction principles, as well as the relationships between concept, design, construction task, material, system.
_ be able to analyze and critically examine the works of important architects and incorporate the resulting knowledge in their designs.
Personal competence:
_ Students will develop and train their ability to present results in analogue or digital form.
_ Students will train their ability to think and act in a conceptual, creative manner.
_ Students will develop and train decision-making skills both individually and in a team.

[*updated 04.10.2020*]

Module content:
_ Introduction to building construction
_ The connections between conception, design and building construction.
_ Outline of the historical-sociocultural development of building construction. Differentiation in building construction types and their different materiality.
_ Raising awareness for a sustainable approach to construction and the environment.
_ Basic possibilities of approaching the construction of buildings and their structure and zoning.
_ Analysis of relevant components such as plinth, wall, ceiling, roof and ways of designing them.
_ Criteria of space formation, interior and exterior space, transitions and lighting. The works and influence of important architects.

[*updated 04.10.2020*]

Teaching methods/Media:
_ Study trips
_ in 3 groups of up to approx. 25 students./parallel with several lecturers/tutors

[*updated 04.10.2020*]

Recommended or required reading:
Desplazes, Andrea: Architektur Konstruieren
Hauschild, Moritz: Konstruieren im Raum
As well as various atlases for building construction: timber construction, steel construction, facades

[*updated 04.10.2020*]

Building Construction 2

Module name (EN): Building Construction 2

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-5.3

Hours per semester week / Teaching method:
5VU (5 hours per week)

ECTS credits:
6

Semester: 2

Mandatory course: yes

Language of instruction:
German

Assessment:
Written exam (33%) + term paper (66%)

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-5.3 (P120-0011, P120-0012) Architecture, Bachelor, regulation 01.10.2013 , semester 2, mandatory course
ABA-5.3 (P120-0010) Architecture, Bachelor, regulation 01.10.2020 , semester 2, mandatory course
ABA-5.3 (P120-0010) Architecture, Bachelor, regulation 01.10.2021 , semester 2, mandatory course

Workload:
75 class hours (= 56.25 clock hours) over a 15-week period.
The total student study time is 180 hours (equivalent to 6 ECTS credits).
There are therefore 123.75 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-5.1 Building Construction 1

[*updated 03.08.2026*]

Recommended as prerequisite for:
ABA-5.5 Building Construction 3
ABA-5.7 Building Construction 4

[*updated 03.08.2026*]

Module coordinator:
N.N.

Lecturer:
Lehrbeauftragte
M.Eng. Arch. AKS Georg Müller
Gaston Glatz, M.Sc.

[*updated 03.08.2026*]

Learning outcomes:
After successfully completing this module, students will:
_ have expanded their knowledge about building construction, especially timber construction.
_ be familiar with basic structural solutions in modern timber construction and be able to integrate requirements from the areas of structural design, climate protection and comfort into their designs.
_ be able to plan a simple 2-3 storey building in timber construction.
Personal competence:
_ Students will learn to understand and classify extensive and complex issues and boil them down to the most important core aspects (ability to analyze).
_ They will learn to process subject-specific tasks and problems independently.
_ Students will develop and train their ability to present results in analogue and digital form.

[*updated 04.10.2020*]

Module content:
_ Lectures and tutorials with a focus on structural design in timber construction.
_ Development of simple 2-3 storey buildings in timber construction.
_ Practical building construction topics will be dealt with.
_ Differentiation of basic structural principles of load transfer in primary and secondary structures in panes, supports, load-bearing and non-load-bearing shells.
_ Development of simple load-bearing systems in timber construction, such as frame or skeleton frame construction and design-related details for all essential elements such as roof, terrace, balcony, loggia and interior finishing with stairs.

[*updated 04.10.2020*]

Teaching methods/Media:
Study trips

[*updated 04.10.2020*]

Recommended or required reading:
_ Building construction atlases: building material, timber construction, roof and flat roof, energy, facades.
_ Trade journals, such as for example, "Detail"
_ Desplazes, Andrea: Architektur Konstruieren

[*updated 04.10.2020*]

Building Construction 3

Module name (EN): Building Construction 3

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-5.5

Hours per semester week / Teaching method:
5VU (5 hours per week)

ECTS credits:
6

Semester: 3

Mandatory course: yes

Language of instruction:
German

Assessment:
Written exam (33%,), term paper (66%)

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-5.5 (P120-0015, P120-0016) Architecture, Bachelor, regulation 01.10.2013 , semester 3, mandatory course
ABA-5.5 (P120-0017) Architecture, Bachelor, regulation 01.10.2020 , semester 3, mandatory course
ABA-5.5 (P120-0017) Architecture, Bachelor, regulation 01.10.2021 , semester 3, mandatory course

Workload:
75 class hours (= 56.25 clock hours) over a 15-week period.
The total student study time is 180 hours (equivalent to 6 ECTS credits).
There are therefore 123.75 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-5.1 Building Construction 1
ABA-5.3 Building Construction 2

[*updated 03.08.2026*]

Recommended as prerequisite for:
ABA-5.7 Building Construction 4

[*updated 03.08.2026*]

Module coordinator:
Studienleitung

Lecturer:
Prof. Dipl.-Ing. Matthias Michel
Lehrbeauftragte
Professor/innen des Studiengangs

[*updated 03.08.2026*]

Learning outcomes:
_Practical structural design topics will be dealt with based on Module 5.3.

After successfully completing this module, students will be familiar with practical building constructions for more simple tasks in cost-effective timber construction.

They will _be familiar with basic structural solutions in modern timber construction and be able to integrate requirements from the areas of structural design, climate protection and comfort into their designs.

[*updated 04.10.2020*]

Module content:
_Lectures and tutorials with a focus on structural design in timber construction.

_Development of simple 2-3 storey buildings in timber construction.

_Practical building construction topics will be dealt with.

_Differentiation of basic structural principles of load transfer in primary and secondary structures in panes, supports, load-bearing and non-load-bearing shells. _Development of simple load-bearing systems in timber construction, such as frame or skeleton frame construction and design-related details for all essential elements such as roof, terrace, balcony, loggia and interior finishing with stairs.

[*updated 04.10.2020*]

Teaching methods/Media:
Study trips

[*updated 04.10.2020*]

Recommended or required reading:
Structural design atlases: building material, timber construction, roof and flat roof, energy, facades.
_Trade journals, such as for example, "Detail"

[*updated 04.10.2020*]

Building Construction 4

Module name (EN): Building Construction 4

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-5.7

Hours per semester week / Teaching method:
8VU (8 hours per week)

ECTS credits:
9

Semester: 4

Mandatory course: yes

Language of instruction:
German

Assessment:
Written exam (33%) + term paper (66%)

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-5.7 (P120-0019, P120-0020) Architecture, Bachelor, regulation 01.10.2013 , semester 4, mandatory course
ABA-5.7 (P120-0018) Architecture, Bachelor, regulation 01.10.2020 , semester 4, mandatory course
ABA-5.7 (P120-0018) Architecture, Bachelor, regulation 01.10.2021 , semester 4, mandatory course

Workload:
120 class hours (= 90 clock hours) over a 15-week period.
The total student study time is 270 hours (equivalent to 9 ECTS credits).
There are therefore 180 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-5.1 Building Construction 1
ABA-5.3 Building Construction 2
ABA-5.5 Building Construction 3

[*updated 03.08.2026*]

Recommended as prerequisite for:
ABA-5.9 Building Construction 5

[*updated 03.08.2026*]

Module coordinator:
Prof. Dipl.-Ing. Matthias Michel

Lecturer:
Prof. Dipl.-Ing. Matthias Michel
Lehrbeauftragte
M.Eng. Arch. AKS Georg Müller
Gaston Glatz, M.Sc.

[*updated 03.08.2026*]

Learning outcomes:
After successfully completing this module, students will:
_ be familiar with structural solutions for existing buildings, especially for post-war modernist buildings.
_ be familiar with structural and energy-related repair, upgrading and improvement measures for supporting structures, building envelope and interior finishing.
_ be able to identify a catalog of structural measures from as-built surveys and functional specifications and combine them with their own design concept.

[*updated 04.10.2020*]

Module content:
_ Lectures and exercises with a focus on the structural design of existing buildings.
_ Structural and energy-efficient refurbishment of existing buildings or existing ensembles with a focus on post-war modernism.
_ Practice-oriented differentiation of the conceptual implementation of load transfer to structural principles such as primary and secondary construction, load-bearing and non-load-bearing components, shells and extensions. Historical constructions with attention to technical detail solutions, in particular filigree reinforced concrete / reinforced concrete components, masonry, floor and wall constructions, sealing of buildings, windows and doors, finishing constructions

[*updated 04.10.2020*]

Teaching methods/Media:
_ Study trips
_ in 3 groups of up to approx. 20 students./parallel with several lecturers/tutors

[*updated 04.10.2020*]

Recommended or required reading:
_ Building construction atlases: Building material, masonry, concrete, timber construction, steel construction, renovation, roof and flat roof, energy, facades
_ Ahnert; Krause: Typische Baukonstruktionen von 1860 bis 1960
_ Trade journals, such as for example, "Detail", "Monumente und Metamorphose"

[*updated 04.10.2020*]

Building Construction 5

Module name (EN): Building Construction 5

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-5.9

Hours per semester week / Teaching method:
5VU (5 hours per week)

ECTS credits:
6

Semester: 5

Mandatory course: yes

Language of instruction:
German

Assessment:
Written exam (33%) + term paper (66%)

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-5.9 (P120-0023, P120-0024) Architecture, Bachelor, regulation 01.10.2013 , semester 5, mandatory course
ABA-5.9 (P120-0025) Architecture, Bachelor, regulation 01.10.2020 , semester 5, mandatory course
ABA-5.9 (P120-0025) Architecture, Bachelor, regulation 01.10.2021 , semester 5, mandatory course

Workload:
75 class hours (= 56.25 clock hours) over a 15-week period.
The total student study time is 180 hours (equivalent to 6 ECTS credits).
There are therefore 123.75 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-5.7 Building Construction 4

[*updated 03.08.2026*]

Recommended as prerequisite for:

Module coordinator:
Prof. Dipl.-Ing. Matthias Michel

Lecturer:
Prof. Dipl.-Ing. Matthias Michel
Lehrbeauftragte

Professor/innen des Studiengangs

[*updated 03.08.2026*]

Learning outcomes:
In this module, we will summarize the complexity of building construction under the focus of concrete skeleton construction and climate-friendly building.

After successfully completing this module, students will be familiar with constructional solutions for the implementation of conceptually demanding and complex buildings.

They will be familiar with constructive and energetic laws for the development of climate-friendly building envelopes.

[*updated 04.10.2020*]

Module content:
Lectures and exercises to underpin the topics from module BA-A -5.9.

Constructive creativity for the implementation of design-related and energetically demanding concepts for complex buildings.

Research into structural engineering options for the conceptual and constructive development of sophisticated, complex and climate-friendly building envelopes.

[*updated 04.10.2020*]

Teaching methods/Media:
Day trips
_in 3 groups of up to approx. 25 students./parallel with several lecturers/tutors

[*updated 04.10.2020*]

Recommended or required reading:
Structural design atlases: Concrete construction, glass construction, facade constructions.
Trade journals

[*updated 04.10.2020*]

Building Typology

Module name (EN): Building Typology
Degree programme: Architecture, Bachelor, regulation 01.10.2021
Module code: ABA-3.2
Hours per semester week / Teaching method: 5V (5 hours per week, accumulated)
ECTS credits: 6
Semester: 3
Duration: 2 semester
Mandatory course: yes
Language of instruction: German
Assessment: Building Typology 1: Course work (50%) Building Typology 2: Written exam (50%) [*updated 04.10.2020*]
Applicability / Curricular relevance: B-A-3.2 (P120-0062, P120-0124) Architecture, Bachelor, regulation 01.10.2013 , semester 3, mandatory course ABA-3.2 (P120-0062, P120-0124) Architecture, Bachelor, regulation 01.10.2020 , semester 3, mandatory course ABA-3.2 (P120-0062, P120-0124) Architecture, Bachelor, regulation 01.10.2021 , semester 3, mandatory course
Workload: 75 class hours (= 56.25 clock hours) over a 15-week period. The total student study time is 180 hours (equivalent to 6 ECTS credits). There are therefore 123.75 hours available for class preparation and follow-up work and exam preparation.
Recommended prerequisites (modules): None.
Recommended as prerequisite for:
Module coordinator: Studienleitung

Lecturer:
Lehrbeauftragte
Professor/innen des Studiengangs

[*updated 03.08.2026*]

Learning outcomes:
Building Typology 1:
After successfully completing this part of the module, students will:
_ have basic knowledge about user requirements and building functions, such as public areas, access systems and functional room allocations.

Building Typology 2:
After successfully completing this part of the module, students will:
_ have increased their knowledge about overall spatial structure based on exemplary buildings of a more complex design, function, internal structure and external conditions.
_ have knowledge about building theory based on traditional and contemporary architecture.
_ be able to differentiate buildings with regard to their functional and site-related design and examine them typologically.
_ be able to recognize correlations between the nature, type and design of buildings, analyze them and implement them in concrete and abstract design tasks.

Personal competence:
_ Develop and train basic architectural language competence.
_ Ability to process content independently
_ Train analytical skills
_ Train the ability to present results in analogue and digital form.

[*updated 04.10.2020*]

Module content:
Building Typology 1:
_ Basics that are essential for the function of buildings.
_ Buildings of low and medium complexity.

Building Typology 2:
_ Buildings with complex designs, functions and networks.
_ Analysis of essential typologies and their evaluation against the background of contemporary developments, new technologies and social change.

[*updated 04.10.2020*]

Teaching methods/Media:
None

[*updated 04.10.2020*]

Recommended or required reading:
Depends on the respective topic. Students will receive literature recommendations in the course of the module.

[*updated 04.10.2020*]

CAD 1 / Technical Drawing

Module name (EN): CAD 1 / Technical Drawing

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-4.2

Hours per semester week / Teaching method:
6U (6 hours per week)

ECTS credits:
6

Semester: 2

Mandatory course: yes

Language of instruction:
German

Assessment:
Freehand drawing: Course work (50%)
CAD 2 Course work (50%)

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-4.2 (P120-0047, P120-0049) Architecture, Bachelor, regulation 01.10.2013 , semester 2, mandatory course
ABA-4.2 (P120-0047, P120-0048) Architecture, Bachelor, regulation 01.10.2020 , semester 2, mandatory course
ABA-4.2 (P120-0047, P120-0048) Architecture, Bachelor, regulation 01.10.2021 , semester 2, mandatory course

Workload:
90 class hours (= 67.5 clock hours) over a 15-week period.
The total student study time is 180 hours (equivalent to 6 ECTS credits).
There are therefore 112.5 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-1.1 Fundamental Design 1
ABA-4.1 Representation 1

[*updated 03.08.2026*]

Recommended as prerequisite for:
ABA-1.4 Design 2 Socio-Cultural Project - Advanced Urban Design 2
ABA-2.4
ABA-2.5

ABA-2.6
ABA-2.8

[*updated 03.08.2026*]

Module coordinator:
Prof. Dr.-Ing. Amelie Rost

Lecturer:
Prof. Dr.-Ing. Amelie Rost
Lehrbeauftragte
M.Eng. Alba Vicente

[*updated 03.08.2026*]

Learning outcomes:
After successfully completing this module, students will:
_ have improved their ability to imagine and represent three-dimensional space.
_ have developed their conceptual and technical skills of spatial representation, architectural presentation, particularly through freehand drawing
_ have deepened their practical skills in the presentation of structural details, technical construction solutions and the routine use of CAD programs.
_ be able to apply their knowledge to design tasks, both in the field of development and in the presentation of concepts and designs.
_ be able to present their own designs, as well as real existing situations and spaces in a three-dimensional realistic, stylized and artistically sophisticated manner.
Personal competence:
_ Students will develop and train their ability to present results in analogue or digital form.
_ Students will train their ability to think and act in a conceptual, creative manner.

[*updated 04.10.2020*]

Module content:
Content:
Freehand drawing:
_ In weekly seminars, the skills of freehand drawing will be taught and, as a focus, the presentation of space and the objects in it will be practiced using different techniques.
_ This helps understand space and perspective, as well as the presentation of one´s own ideas and designs.
CAD 2:
_ Advanced applications for 2-D and 3-D design and image processing.
_ More complex drawings (floor plans, views and sections) for creating plans according to DIN / data exchange and feedback between program levels.
_ More complex 3-D constructions for isometry and perspective, creating digital building models. Complete 3-D models for design review, display and presentation.
_ Simulating light and space using the latest technology.
_ Presentation / practice / application of professional CAD planning / presenting plans and plan output with large format plotter.

[*updated 04.10.2020*]

Teaching methods/Media:

_ Multiple groups of 25-38 students / or parallel with several lecturers/tutors
_ Individual exercises on specific topics as part of the course work
_ CAD 2 with multimedia presentation of topics in the didactic network
_ Introductory lectures and supervised exercises at individual PC workstation in the CAD learning laboratory

[*updated 04.10.2020*]

Recommended or required reading:

_ Lecture notes in the form of a handout (Cloud-System SAS) with tutorials, videos and documentations,
_ Video tutorials as theme clips in handout directories or Moodle,
_ Electronic library (Handout) and application documentation,
_ Topic-specific literature recommendations

[*updated 04.10.2020*]

Design 1 Urban Project - Advanced Project Urban Design 1

Module name (EN): Design 1 Urban Project - Advanced Project Urban Design 1

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-1.3

Hours per semester week / Teaching method:
5VU+5PA (10 hours per week)

ECTS credits:
12

Semester: 3

Mandatory course: yes

Language of instruction:
German

Assessment:
Project work

[*updated 30.10.2023*]

Applicability / Curricular relevance:

ABA-1.3 (P120-0053) Architecture, Bachelor, regulation 01.10.2020 , semester 3, mandatory course
ABA-1.3 (P120-0053) Architecture, Bachelor, regulation 01.10.2021 , semester 3, mandatory course

Workload:
150 class hours (= 112.5 clock hours) over a 15-week period.
The total student study time is 360 hours (equivalent to 12 ECTS credits).
There are therefore 247.5 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-1.2 Fundamental Design 2

[*updated 03.08.2026*]

Recommended as prerequisite for:
ABA-1.4 Design 2 Socio-Cultural Project - Advanced Urban Design 2
ABA-1.6

[*updated 03.08.2026*]

Module coordinator:
Prof. Dipl.-Ing. Eve Hartnack

Lecturer:
Prof. Dipl.-Ing. Eve Hartnack
Prof. Dr.-Ing. Amelie Rost
Lehrbeauftragte

[*updated 03.08.2026*]

Learning outcomes:
After successfully completing this module, students will:
be able to design buildings of moderate complexity methodically, analytically and creatively and translate this knowledge into concrete design plans using their basic knowledge of building construction and load-bearing structures.

be familiar with and able to explain basic urban planning issues in both theory and their practical implications.

be familiar with the basic features of urban planning analysis and design and be able to place their building design in an urban context.

be able to explain buildability, building scale and appropriate development and planning implementation.

understand and be aware of the social relevance of urban planning.
be able to present their design in analog and digital form, discuss it with others and deal with criticism constructively.

Learning outcomes of the project week at the beginning of the course:
After successfully completing this module, students will be able to:
integrate themselves into a team and work in a team.
plan and execute a project within a given timeframe.
present their findings, discuss with others, and deal constructively with criticism.

[*updated 30.10.2023*]

Module content:
Dealing with an urban context while working on a contemporary task.
Communicating a creative and functional design solution typologically and constructively using appropriate representational media.

The focus is on the development of solutions for residential buildings and the interconnected design of interior and exterior spaces.

Urban planning analysis, concept development and elaboration focusing on the aspects: urban context, functional and atmospheric implementation.

Links to the module Städtebau 1, related to Gebäudelehre 1

Contents in-depth project Urban Planning 1:
Recognizing and evaluating urban structures and morphologies
Presenting reference examples in plans and models
Introduction to urban design, individual steps and interactions, analysis, mission statement, action concept, drawing up a plan of action

Project week with no teaching at the beginning of the course:

[*updated 30.10.2023*]

Teaching methods/Media:

Supervised projects, presentations, study trips and workshop
Lecture (use of eletronic media), exercises, presentations or theoretical work.

Final colloquium with presentations and discussions of results
Project work

[*updated 30.10.2023*]

Recommended or required reading:

Various magazines, technical and legal codes (AKS architects´ handbook, BauNVO, BauGB, PlanZVO, LBO); other subject-related books; in particular:

Heckmann, Oliver; Schneider, Friederike (Hrsg.): Grundrissatlas Wohnungsbau. 5. Auflage 2017
Heisel, Joachim P.: Planungsatlas, das kompakte Praxishandbuch für den Bauentwurf, Berlin 2007
Jocher, Thomas u.a.: Raumpilot, 2010
Korda, Martin: Städtebau. Technische Grundlagen, 2005
Schenk, Leonhard: Stadt Entwerfen. Grundlagen, Prinzipien, Projekte, Birkhäuser, 2018

[*updated 30.10.2023*]

Design 2 Socio-Cultural Project - Advanced Urban Design 2

Module name (EN): Design 2 Socio-Cultural Project - Advanced Urban Design 2

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-1.4

Hours per semester week / Teaching method:
3U+5PA (8 hours per week)

ECTS credits:
9

Semester: 4

Mandatory course: yes

Language of instruction:
German

Assessment:
Project work

[*updated 30.10.2023*]

Applicability / Curricular relevance:

ABA-1.4 (P120-0054) Architecture, Bachelor, regulation 01.10.2021 , semester 4, mandatory course

Workload:
120 class hours (= 90 clock hours) over a 15-week period.
The total student study time is 270 hours (equivalent to 9 ECTS credits).
There are therefore 180 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-1.3 Design 1 Urban Project - Advanced Project Urban Design 1
ABA-4.2 CAD 1 / Technical Drawing

[*updated 03.08.2026*]

Recommended as prerequisite for:
ABA-1.5
ABA-1.6

[*updated 03.08.2026*]

Module coordinator:
Prof. Dipl.-Ing. Eve Hartnack

Lecturer:
Prof. Dipl.-Ing. Eve Hartnack
Prof. Dipl.-Ing. Jens Metz
Lehrbeauftragte

[*updated 03.08.2026*]

Learning outcomes:
After successfully completing this module, students will:
be able to analyze a given building structure for strengths and weaknesses and adapt it to today´s quality standards.

be able to recognize the link between functional, constructive, design and spatial aspects of a task and the socio-cultural environment and be able to develop an architectural solution based on these links.

understand the relevance of participatory planning processes and develop initial competencies for future construction and social challenges in dialogue with citizens, stakeholders and authorities.

be able to recognize the interrelationships of urban design and open space, building design and to articulate these in an independent design project.

be able to work independently in a team.
be able to present their results in analog and digital form, discuss them with others, and deal constructively with criticism.

Learning outcomes of the field trip week at the beginning of the course:
Students will be able to:
plan, calculate, organize and carry out a field trip in a team.
critically analyze architecture on site and see it in a local, social, and temporal context.

recognize and interpret intercultural and international aspects.

[*updated 30.10.2023*]

Module content:
In dealing with society, it is imperative to discover the potential of existing buildings, to assess them correctly, to reorganize them, and to shape them in a dialogue.

New, changing requirements result from history, the genius loci and social change.
Conceptual design tasks that involve a whole repertoire, such as inserting, separating-connecting, layering, adjusting, modernizing, transforming, continuing or rebuilding need a solution.

Working with a functional program to formulate and solve an architectural concept.

Contents Advanced Urban Design Project 2
Analysis of the urban-spatial context and comparison of references

Understanding the concept of built and lived cities ("ville", "cité")
Development of design parameters for the independent exploration of structure, grain, and typology.

Designing based on the interaction of an urban planning approach and building design.

Field trip with no teaching at the beginning of the course.

[*updated 30.10.2023*]

Teaching methods/Media:
Supervised projects, presentations, study trips and workshop

[*updated 30.10.2023*]

Recommended or required reading:
Topic-related by arrangement

[*updated 30.10.2023*]

Fundamental Design 1

Module name (EN): Fundamental Design 1

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-1.1

Hours per semester week / Teaching method:
7PA (7 hours per week)

ECTS credits:
9

Semester: 1

Mandatory course: yes

Language of instruction:
German

Assessment:
Project work

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-1.1 (P120-0068) Architecture, Bachelor, regulation 01.10.2013 , semester 1, mandatory course
ABA-1.1 (P120-0069) Architecture, Bachelor, regulation 01.10.2020 , semester 1, mandatory course
ABA-1.1 (P120-0069) Architecture, Bachelor, regulation 01.10.2021 , semester 1, mandatory course

Workload:
105 class hours (= 78.75 clock hours) over a 15-week period.
The total student study time is 270 hours (equivalent to 9 ECTS credits).
There are therefore 191.25 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
None.

Recommended as prerequisite for:
ABA-1.2 Fundamental Design 2
ABA-4.2 CAD 1 / Technical Drawing

[*updated 03.08.2026*]

Module coordinator:
Prof. Dr.-Ing. Amelie Rost

Lecturer:
Prof. Dr.-Ing. Amelie Rost

Lehrbeauftragte
Professor/innen des Studiengangs

[*updated 03.08.2026*]

Learning outcomes:
After successfully completing this module, students will:
_ have sound knowledge of pictorial and plastic design work and its fundamental subject areas, such as the composition of space, subtraction and addition of bodies, the materiality and joining of components.
_ be familiar with scale, proportion, abstraction and concrete spatial perception and have developed a feeling for aesthetics, art, design and architecture.
Personal competence:
_ Training the senses, perception, spatial imagination, representation and creativity.
_ Training judgement, critical faculties and awareness of the natural, social and built environment, as well as an understanding of architecture as cultural identity.

[*updated 04.10.2020*]

Module content:
_ Fundamentals of spatial design
_ Exercises in the field of pictorial and plastic design work and its fundamental subject areas, such as the composition of space, subtraction and addition of bodies, the materiality and joining of components
_ Scale, proportion, abstraction and the concrete perception of space

[*updated 04.10.2020*]

Teaching methods/Media:
_ Joint discussion of the exercises in the project room
_ Independent work on unsupervised elements of the exercises
_ Study trip

[*updated 04.10.2020*]

Recommended or required reading:
Depends on the respective topic. Students will receive literature recommendations in the course of the module.

[*updated 04.10.2020*]

Fundamental Design 2

Module name (EN): Fundamental Design 2

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-1.2

Hours per semester week / Teaching method:
7PA (7 hours per week)

ECTS credits:
9

Semester: 2

Mandatory course: yes

Language of instruction:
German

Assessment:
Project work

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-1.2 (P120-0071) Architecture, Bachelor, regulation 01.10.2013 , semester 2, mandatory course
ABA-1.2 (P120-0071) Architecture, Bachelor, regulation 01.10.2020 , semester 2, mandatory course
ABA-1.2 (P120-0071) Architecture, Bachelor, regulation 01.10.2021 , semester 2, mandatory course

Workload:
105 class hours (= 78.75 clock hours) over a 15-week period.
The total student study time is 270 hours (equivalent to 9 ECTS credits).
There are therefore 191.25 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-1.1 Fundamental Design 1

[*updated 08.10.2021*]

Recommended as prerequisite for:
ABA-1.3 Design 1 Urban Project - Advanced Project Urban Design 1

[*updated 03.08.2026*]

Module coordinator:
Prof. Dr.-Ing. Ulrich Pantle

Lecturer:
Prof. Dr.-Ing. Ulrich Pantle
Lehrbeauftragte
Professor/innen des Studiengangs

[*updated 08.10.2021*]

Learning outcomes:
After successfully completing this module, students will:
_ have knowledge about design theory and methods
_ be able to develop a building of simple complexity methodically, analytically and creatively.
_ be able to create a concept for a building, transform it into a spatial and typological organization and present it in a model using concept and design plans.
Personal competence:
_ Develop and train basic architectural language competence.
_ Develop and train decision-making skills both individually and in a team.
_ Develop and train the ability to present results in analogue or digital form.
_ Develop the ability to exercise and accept critique and to discuss the results of this.

[*updated 04.10.2020*]

Module content:
_ The design process for a small building with a simple spatial program is comprised of 3 steps: Analysis, concept development, design.
_ Initially, location aspects are examined, exemplary buildings are analyzed and the information derived on the basis of the task is studied, leading to the functional and creative design of the building. The design process and the result are then documented and presented using the appropriate media.

[*updated 04.10.2020*]

Teaching methods/Media:
Supervised tutorial in the project room, study trip and workshop.

[*updated 04.10.2020*]

Recommended or required reading:
Depends on the respective topic. Students will receive literature recommendations in the course of the module.

[*updated 04.10.2020*]

Representation 1

Module name (EN): Representation 1

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-4.1

Hours per semester week / Teaching method:
6U (6 hours per week)

ECTS credits:
6

Semester: 1

Mandatory course: yes

Language of instruction:
German

Assessment:
Descriptive Geometry: Written exam (33%)
Technical Drawing/Descriptive Geometry: Term paper (33%)
CAD 1: Term paper (33%)

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-4.1 (P120-0043, P120-0044, P120-0045) Architecture, Bachelor, regulation 01.10.2013 , semester 1, mandatory course
ABA-4.1 (P120-0046) Architecture, Bachelor, regulation 01.10.2020 , semester 1, mandatory course
ABA-4.1 (P120-0046) Architecture, Bachelor, regulation 01.10.2021 , semester 1, mandatory course

Workload:
90 class hours (= 67.5 clock hours) over a 15-week period.
The total student study time is 180 hours (equivalent to 6 ECTS credits).
There are therefore 112.5 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
None.

Recommended as prerequisite for:
ABA-2.4
ABA-2.5
ABA-2.6
ABA-2.8
ABA-4.2 CAD 1 / Technical Drawing

[*updated 03.08.2026*]

Module coordinator:
M.Eng. Alba Vicente

Lecturer:
M.Eng. Arch. AKS Georg Müller
Gaston Glatz, M.Sc.
M.Eng. Alba Vicente

[*updated 03.08.2026*]

Learning outcomes:
After successfully completing this module, students will:
_ be familiar with the basics of CAD, technical drawing, spatial representation and architectural presentation.
_ have basic knowledge about topics from the field of descriptive geometry, such as: types of perspective, shadow construction, rules and methods for technical-constructive drawings, simple constructions for floor plans, views, sections, representation standards.
_ be familiar with the basics of producing technical drawings by hand, the standards that must be complied with in this respect and how to implement them using CAD applications for architectural work.
_ be able to represent objects geometrically and spatially and understand the complex and theoretical principles of different projections.
_ be able to apply different types of perspective to spatial designs.
_ be able to apply this knowledge to other design tasks, both in the presentation of their concepts, designs and their technical implementation.
Personal competence:
_ Students will train their ability to present results in digital form and in large formats.
_ Students will train their ability to think and act in a conceptual, creative manner.

[*updated 04.10.2020*]

Module content:
Descriptive Geometry: Types of perspective, shadow construction, rules and methods for technical-constructive drawings, simple constructions for floor plans, views, sectional views, representation standards.
_ Rules and methods for technical drawings, standards for the presentation and content of building documents and plans.
_ 2D and 3D designs for floor plans, elevations and sections - up to detailed planning. Data creation and exchange for CAD/DTP in architectural practice.
_ Design, communication and presentation in virtual 2D and 3D space.
_ Basic principles of CAD applications and virtual, realistic project presentation.

[*updated 04.10.2020*]

Teaching methods/Media:
_ 2 to max. 3 groups with 25 - 38 students / usually with several lecturers/tutors
_ Individual exercises on specific topics as part of the course work
_ Lectures with multimedia presentation of topics in the didactic network
_ Introductory lectures and supervised exercises at individual PC workstation in the CAD learning laboratory

[*updated 04.10.2020*]

Recommended or required reading:

_ Lecture notes: Technical drawing, electronic image processing and CAD
_ Video tutorials as theme clips in handout directories or Moodle
_ Electronic library (handout) for TEZ/DG/CAD + documentation
_ Series of scripts from the RRZN Hannover and documentation of the programs used

[*updated 04.10.2020*]

Sociology

Module name (EN): Sociology

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-3.3

Hours per semester week / Teaching method:
2V (2 hours per week)

ECTS credits:
3

Semester: 5

Mandatory course: yes

Language of instruction:
German

Assessment:
Term paper

[*updated 04.10.2020*]

Applicability / Curricular relevance:

B-A-3.3 (P120-0082) Architecture, Bachelor, regulation 01.10.2013 , semester 5, mandatory course
ABA-3.3 (P120-0082) Architecture, Bachelor, regulation 01.10.2020 , semester 5, mandatory course
ABA-3.3 (P120-0082) Architecture, Bachelor, regulation 01.10.2021 , semester 5, mandatory course

Workload:
30 class hours (= 22.5 clock hours) over a 15-week period.
The total student study time is 90 hours (equivalent to 3 ECTS credits).
There are therefore 67.5 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-3.1 Art and Architectural History

[*updated 11.10.2023*]

Recommended as prerequisite for:

Module coordinator:
Prof. Dr.-Ing. Ulrich Pantle

Lecturer:
Prof. Dr.-Ing. Ulrich Pantle

[*updated 11.10.2023*]

Learning outcomes:
After successfully completing this module, students will:
_ have basic knowledge about sociology, with a focus on the sociology of space, housing and urban sociology.
_ be able to recognize and understand the interaction of social action and space in complex contexts
Students will be able to use these findings in their own design work.
Personal competence:
_ Increase competence in scientific working skills, taking into account empirical and theoretical methods of analysis.

[*updated 04.10.2020*]

Module content:
_ Introduction to the basics of sociology, with a focus on the sociology of space, housing and urban sociology in the modern age and the present, using topics such as city, identity, participation, ritual, demographic change, differentiation, segregation, mobility, migration, representation, etc.
_ Exercises with simple research and analysis tasks in connection with the content of the lecture will culminate in a term paper written according to the rules of good scientific practice.

[*updated 04.10.2020*]

Teaching methods/Media:
None

[*updated 04.10.2020*]

Recommended or required reading:
_ Delitz, Heike: Architektursoziologie. Bielefeld 2009
_ Häußermann, Hartmut; Walter Siebel: Stadtsoziologie - Eine Einführung. Frankfurt a.M. 2004
_ Löw, Martina; Silke Steets, Sergej Stoetzer: Einführung in die Stadt- und Raumsoziologie. Opladen 2008
_ Schäfers, Bernhard: Einführung in die Soziologie. Wiesbaden 22016
_ Additional topic-specific literature

[*updated 04.10.2020*]

Architecture Bachelor - optional courses

English for Architects 1

Module name (EN): English for Architects 1
Degree programme: Architecture, Bachelor, regulation 01.10.2021
Module code: ABA-2.2-E
Hours per semester week / Teaching method: 2V (2 hours per week)
ECTS credits: 3
Semester: 4
Mandatory course: no
Language of instruction: English
Assessment: Written exam (graded) [*updated 15.04.2024*]
Applicability / Curricular relevance: ABA-2.2-E (P120-0139) Architecture, Bachelor, regulation 01.10.2021 , semester 4, optional course Suitable for exchange students (learning agreement)
Workload: 30 class hours (= 22.5 clock hours) over a 15-week period. The total student study time is 90 hours (equivalent to 3 ECTS credits). There are therefore 67.5 hours available for class preparation and follow-up work and exam preparation.
Recommended prerequisites (modules): None.
Recommended as prerequisite for: ABA-2.3-E English for Architects 2   [*updated 16.07.2026*]
Module coordinator: Dr. Yuliya Stodolinska

Lecturer:
Dipl.-Übers. Betina Lang

[*updated 27.05.2022*]

Learning outcomes:
The English for Architects Modules 1 and 2 provide a framework where students can develop their English language skills in the professional field from the desired entry level B1 to level B2.
After successfully completing this module, students will understand the differences between international working environments, especially English-speaking ones, recognize difficulties and conflicts in intercultural communication situations and be able to draw conclusions for their own behavior. They will be sensitive to different language registers and will be able to communicate appropriately both orally and in writing in given professional situations.

[*updated 15.04.2024*]

Module content:
- Greetings, introductions and small talk
- Describing job-related tasks
- Making phone calls in a professional context
- Correspondence with business partners

In addition, we will work on:
- Vocabulary
- Repeating relevant grammatical structures
- Raising awareness for functional language use
- Intercultural competence

[*updated 15.04.2024*]

Teaching methods/Media:
Teaching and learning materials for specific target groups Due to the increasing digitalization of teaching and learning, more and more interactive digital materials will be made available via a learning management system and integrated into the teaching process as part of a blended learning approach. In exceptional situations, this also allows for the use of a video conferencing system instead of conventional in-classroom teaching.

[*updated 15.04.2024*]

Recommended or required reading:
An up-to-date list of recommended learning materials will be made available in the learning management system at the beginning of the semester.
The following materials are free of charge for students of the htw saar. We recommend their use for independent learning:
- Ley, Susanne/Sick, Christine: prep course English im m&eLanguageLearningPortal@CAS (e- und Mobile-Learning-Angebot zur Unterstützung der Studierenden beim Englischlernen am Campus Alt-Saarbrücken der htw saar, Niveau A1-B1)
- Sick, Christine (2015): TechnoPlus Englisch VocabApp (Mobile-Learning-Angebot insbesondere zum Grundwortschatz, alle Niveaustufen), EUROKEY.
- Sick, Christine, unter Mitarbeit von Lange, Miriam (2011): TechnoPlus Englisch 2.0 (Multimediales Sprachlernprogramm für Technisches und Business Englisch, Niveau B1-B2+), EUROKEY.

[*updated 15.04.2024*]

English for Architects 2

Module name (EN): English for Architects 2

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-2.3-E

Hours per semester week / Teaching method:
2V (2 hours per week)

ECTS credits:
3

Semester: 5

Mandatory course: no

Language of instruction:
English

Assessment:
Written exam and short video presentation, both graded

[*updated 15.04.2024*]

Applicability / Curricular relevance:

ABA-2.3-E (P120-0140) Architecture, Bachelor, regulation 01.10.2021 , semester 5, optional course

Suitable for exchange students (learning agreement)

Workload:
30 class hours (= 22.5 clock hours) over a 15-week period.
The total student study time is 90 hours (equivalent to 3 ECTS credits).
There are therefore 67.5 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-2.2-E English for Architects 1

[*updated 16.07.2026*]

Recommended as prerequisite for:

Module coordinator:
Dr. Yuliya Stodolinska

Lecturer:
Dipl.-Übers. Betina Lang

[*updated 27.05.2022*]

Learning outcomes:
The English for Architects Modules 1 and 2 provide a framework where students can develop their English language skills in the professional field from the desired entry level B1 to level B2.
After successfully completing this module, students will be familiar with the differences in the application process in English-speaking countries, be able to prepare application documents in English with appropriate content and language and apply strategies for job interviews.
As an introduction to communicatively adequate technical language communication in practical situations, they will be able to use various listening and reading strategies based on course-specific technical texts and apply an extended repertoire of linguistic structures in the written elaboration of subject-specific descriptions.

[*updated 15.04.2024*]

Module content:
Application process:
- Job advertisements, application cover letter, resume, job interview

Technical language communication:
- General and detailed comprehension of scientific texts from the field of architecture (especially descriptions of architecture and buildings, materials, loads)
- Describing objects (concept, function, form, dimensions, materials)

In addition, we will work on:
- Vocabulary
- Repeating relevant grammatical structures
- Intercultural competence
- Raising awareness for functional language use

[*updated 15.04.2024*]

Teaching methods/Media:
Teaching and learning materials for specific target groups Due to the increasing digitalization of teaching and learning, more and more interactive digital materials will be made available via a learning management system and integrated into the teaching process as part of a blended learning approach. In exceptional situations, this also allows for the use of a video conferencing system instead of conventional in-classroom teaching.

[*updated 15.04.2024*]

Recommended or required reading:
An up-to-date list of recommended learning materials will be made available in the learning management system at the beginning of the semester.
The following materials are free of charge for students of the htw saar. We recommend their use for independent learning:
- Sick, Christine (2015): TechnoPlus Englisch VocabApp (Mobile-Learning-Angebot insbesondere zum Grundwortschatz, alle Niveaustufen), EUROKEY.
- Sick, Christine unter Mitarbeit von Lange, Miriam (2011): TechnoPlus Englisch 2.0 (Multimediales Sprachlernprogramm für Technisches und Business Englisch, Niveau B1-B2+), EUROKEY.
- Sick, Christine unter Mitarbeit von Lange, Miriam (2011): Online Extensions zu TechnoPlus Englisch 2.0, EUROKEY.

[*updated 15.04.2024*]

French for Architects 1

Module name (EN): French for Architects 1

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-2.2-F

Hours per semester week / Teaching method:
2V (2 hours per week)

ECTS credits:
3

Semester: 4

Mandatory course: no

Language of instruction:
French

Assessment:
Written exam (graded)

[*updated 15.04.2024*]

Applicability / Curricular relevance:

ABA-2.2-F (P120-0141) Architecture, Bachelor, regulation 01.10.2021 , semester 4, optional course

Suitable for exchange students (learning agreement)

Workload:
30 class hours (= 22.5 clock hours) over a 15-week period.
The total student study time is 90 hours (equivalent to 3 ECTS credits).
There are therefore 67.5 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
None.

Recommended as prerequisite for:
ABA-2.3-F French for Architects 2

[*updated 23.07.2026*]

Module coordinator:
Dr. Yuliya Stodolinska

Lecturer:
Dipl.-Dolm. Margret Wilhelm

[*updated 27.05.2022*]

Learning outcomes:

The French for Architects Modules 1 and 2 provide a framework where students can develop their French language skills in a professional context from the desired entry level B1 to level B2.

After successfully completing this module, students will understand the differences between international working environments, especially French-speaking ones, recognize difficulties and conflicts in intercultural communication situations and be able to draw conclusions for their own behavior.

They have an awareness of different language registers and will be able to communicate appropriately in given professional situations, especially orally.

[*updated 15.04.2024*]

Module content:

Establishing contact:
- Greetings and saying farewell
- Introducing oneself and others

The workplace and types of professions:
- The workplace and collegiality
- Describing professional activities and priorities
- New media

Talking on the telephone:
- Verbal expressions in a professional context
- Asking for and giving information
- Arranging and postponing appointments

Written communication:
- Communications via e-mail and social media
- Formulas for greetings and closings, taking into account different stylistic levels

In addition, we will work on:

Vocabulary
Repetition of relevant grammatical structures
Raising awareness for functional language use
Intercultural competence

[*updated 15.04.2024*]

Teaching methods/Media:

Teaching and learning materials for specific target groups Due to the increasing digitalization of teaching and learning, more and more interactive digital materials will be made available via a learning management system and integrated into the teaching process as part of a blended learning approach. In exceptional situations, this also allows for the use of a video conferencing system instead of conventional in-classroom teaching.

[*updated 15.04.2024*]

Recommended or required reading:

An up-to-date list of recommended learning materials will be made available in the learning management system at the beginning of the semester.

[*updated 15.04.2024*]

French for Architects 2

Module name (EN): French for Architects 2

Degree programme: Architecture, Bachelor, regulation 01.10.2021

Module code: ABA-2.3-F

Hours per semester week / Teaching method:
2V (2 hours per week)

ECTS credits:
3

Semester: 5

Mandatory course: no

Language of instruction:
French

Assessment:
Written exam and short video presentation, both graded

[*updated 15.04.2024*]

Applicability / Curricular relevance:

ABA-2.3-F (P120-0142) Architecture, Bachelor, regulation 01.10.2021 , semester 5, optional course

Suitable for exchange students (learning agreement)

Workload:
30 class hours (= 22.5 clock hours) over a 15-week period.
The total student study time is 90 hours (equivalent to 3 ECTS credits).
There are therefore 67.5 hours available for class preparation and follow-up work and exam preparation.

Recommended prerequisites (modules):
ABA-2.2-F French for Architects 1

[*updated 23.07.2026*]

Recommended as prerequisite for:

Module coordinator:
Dr. Yuliya Stodolinska

Lecturer:
Dipl.-Dolm. Margret Wilhelm

[*updated 27.05.2022*]

Learning outcomes:
The French for Architects Modules 1 and 2 provide a framework where students can develop their French language skills in a professional context from the desired entry level B1 to level B2.
After successfully completing this module, students will be able to implement relevant aspects of written communication in a French-speaking professional context.
Students will be aware of the special features of the application process in francophone countries, be able to prepare application documents in French with appropriate form, content and language and apply strategies for a confident appearance at job interviews.
They will be familiar with various strategies for understanding technical texts and will be able to successfully apply linguistic structures for the subject-specific description of objects, both orally and in writing.

[*updated 15.04.2024*]

Module content:
Written communication:
- Formal aspects of a French business letter
- Formulating a letter of inquiry

Application process:
- Job advertisements
- Application cover letter, resume
- Job interview

Technical language communication:
- General and detailed comprehension of scientific texts from the field of architecture
- Describing objects (concept, function, forms, dimensions, materials)
- The stages of a building project
- Structural systems and loads

In addition, we will work on:
Technical vocabulary
Repeating relevant grammatical structures
Raising awareness for functional language use
Intercultural competence

[*updated 15.04.2024*]

Teaching methods/Media:
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