Module Handbook
for the degree program

Master of Arts Architecture (DIA)[1]
(MAD) 2021

(revised edition SoSe 2022)

1 Dessau International Architecture graduate school

Inhalt

Preface

This module handbook complies with the requirements set out in the "Qualifications Framework for German Higher Education Qualifications" of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (KMK) , as well as with the requirements of the module descriptions for the individual courses in the Master Architecture (DIA) program as stipulated in the Verordnung zur Regelung der Studienakkreditierung an Hochschulen des Landes Sachsen-Anhalt (Saxony-Anhalt ordinance on degree program accreditation in higher education instituationes / StAkkrVO) of the Land Saxony-Anhalt.

The module handbook serves both the students for information about the individual modules, including their concrete semester planning, and the teaching staff for the documentation of the module contents and for coordination with their colleagues.

Degree program advisor MAD: Prof. Ralf Niebergall E-Mail: ralf.niebergall@hs-anhalt.de.

In addition, the following information can be found in the corresponding degree program and examination regulations:

- Study and examination plan

- Compendium (per semester)

- Normal program length (schedule and calendar)

PM (Pflichtmodule) / Compulsory Modules (Semesters 1 – 3)

1 Studio I

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester

5. Frequency

☒ winter semester   ☐ summer semester

6. ECTS credits and grading

10 credits

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[1]
Design-studio supervision by the Studio Master, lectures and seminar-based teaching, workshops, excursion etc.	8 hours per week per semester / 90 hrs	160 hrs

9. Prerequisites for participation

None, but Studio I-III should be taken consecutively

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1 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

Students are able to research, analyze and evaluate the premises of a complex planning task. They have an in-depth understanding of the design process as a systematic search for the best design-aesthetic, contextual, functional, sociocultural, and constructional-technical solution.

The students are able to elaborate a design as a coherent overall concept integrating the different cultural, socio-economical, technological and ecological requirements of a planning-task. They can develop and present the design using research based or experimental methodologies and all contemporary means of architectural representation, such as drawings on different scale-levels, physical and digital models, visualizations, diagrams etc. They can describe, explain and defend their solutions within their study group and to professionals and experts.

11. Module is a prerequisite for

Studio II (recommended)

12. Module content

Changing complex design tasks are set – reaching from technology-oriented building solutions up to complex urban development strategies. In relation to the design task, the selection and application of adequate tools and methods of a scientific, technical, spatial and communicative nature are conveyed. Necessary content is imparted in supplementary, ancillary lectures and in thematic excursions. The research and design steps are worked out in presentations, sketches, physical and digital models, architectural drawings

In studio discussions, interim and final presentations with external professionals and experts as guests' critics, students will develop the skills to coherently communicate and discuss their concepts and ideas.

13. Examination prerequisites (*Prüfungsvorleistungen/PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and length of examination)

Passing the final examination according to examination regulation in the respective valid version:

P/C – presentation/colloquium

15. Types of media used

Interactive lectures, short introductory lectures/ presentations, excursions, seminar work, group work

16. Recommended literature

Specified with the respective semester compendium

17. Links to additional documents

Specified with the respective semester compendium

1 European Culture, Architectural History and Theory I

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester

5. Frequency

☒ winter semester   ☐ summer semester

6. ECTS credits and grading

4 Credits

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[2]
Lectures	2 hours per week per semester / 23 hrs	44 hrs
Seminar-based teaching, project work, etc.	1 hour per week per semester / 11 hrs	22 hrs

9. Prerequisites for participation

None, but European Culture, Architectural History and Theory I, II and III should be taken consecutively

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2 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

At the end of the module students are able

1) to comprehend the fundamental historic lines of European architectural theoretical thinking from its origins within European architectural culture.
2) to critically reconstruct arguments of discussions on historic or contemporary architectural objects presented in the course and elaborate and communicate positions taken up in discourses on those objects clearly and explicitly.
3) to further reflect and critically analyze the strong ties between social, political cultural and architectural history and its architectural/ urban artefacts.
4) to develop an engaged and critical multi-faceted intercultural and rational perspective on architectural theory.

11. Module is a prerequisite for

European Culture, Architectural History and Theory II (recommended)

12. Module content

- What is architectural theory and who is "doing" it?
- Architecture or "mere building"? Who determines what kind of difference?
- Architecture and Writing: The role of text and textuality in architectural theory and practice.
- Origins of Pre-Modern European architectural theories: Vitruvius and the antique historians
- Selected concepts and ideas of European Architectural Theory: From Vitruv to Alberti
- Selected concepts and ideas of European Architectural Theory: From Alberti to Vignola
- Architectural Theory and Language: The Architectural Code.
- Architecture: Art or Science? The role of design knowledge
- Cultural Values and Evaluation: Aesthetics and Ethics in European architecture.

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to the type of examination stated on the valid examination regulations.

Presentations, reading material (text excerpts, books), excursions, paper discussions and student presentations.

15. Recommended literature

Borsi, F. et al. (1977) *Leon Battista Alberti: Complete Ed.* Oxford Phaidon Press.

Bourdieu, P. (1996) *The Rules of Art: Genesis and Structure of the Literary Field.* Stanford Univ. Press.

Eco, U. (2002) *Einführung in die Semiotik,* Paderborn Fink.

Fischer von Erlach J. B. (1725) *Entwurff Einer Historischen Architectur. In Abbildung unterschiedener be-rühmten Gebäude des Alterthums und fremder Völcker; umb aus den Geschicht-büchern, Gedächtnüß-münzen, Ruinen, und eingeholten wahrhafften Abrißen, vor Augen zu stellen.*

available from: https://digi.ub.uni-heidelberg.de/diglit/fischer1725

Foucault, M. (1970): *The Order of Things. An archaelogy of the human sciences,* London Tavistock.

Joedicke, J. ed. (1969) *Arbeitsberichte zur Planungsmethodik 1*, Stuttgart K. Krämer.

Johnson, P.-A. (1994) *The Theory of Architecture. Concepts, Themes & Practices*, New York Van Nostrand Reinhold.

Kruft, H. W. (1994) *A History of Architectural Theory from Vitruvius to the Present.*

Translated by R. Taylor, E, Callander, A. Wood, New York Princeton Architectural Press.

Malgrave, H. F. ed. (2006) *Architectural Theory I. An Anthology from Vitruvius to 1870.* Malden (MA) Blackwell.

Neufert, E. (1936) *Bauentwurfslehre, [Architect's Data].* Berlin Bauwelt.

Palladio, A (1570) *I Quattro Libri dell' Architettura*. Venice.

Pevsner, N. (1942) *An Outline of European Architecture.* Harmondsworth Penguin.

Rossi, A. (1982) *The Architecture of the City*. New York Rizzoli.

Till, J. (2009) *Architecture depends.* Cambridge (Mass.) MIT Press.

Vitruvius, M. (1960) *The Ten Books on Architecture*. Translated by M. H. Morgan, Dover Editions

(Harvard University Press 1914), New York, Dover Publications.

Weckherlin, G. (2017) *BEL. Zur Systematik des architektonischen Wissens am Beispiel von Ernst Neuferts Bauentwurfslehre.* Tübingen/ Berlin 2017.

1 Urbanism I

1. Person responsible for the module

Prof. Nadja Häupl

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester

5. Frequency

☒ winter semester   ☐ summer semester

6. ECTS credits and grading

5 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[3]
Lectures	2 hours per week per semester / 22.5 hrs	40 hrs
Seminar-based teaching, e.g. project work, group work, etc.	2 hours per week per semester / 22.5 hrs	40 hrs

9. Prerequisites for participation

None, but Urbanism I-II should be taken consecutively

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3 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

After participating in the module events, the students are able to:

I: read and understand morphologies and patterns of European urban developments by further research on the examples and their context shown in the lecture

II: transfer fundamental European urbanistic discourses to own analysis of current urban phenomena

III: evaluate qualities and quantities of European urban phenomena and applying them in own urban design approaches

IV: illustrate own intellectual and content-related links between the different European urban discourses and the own cultural background

11. Module is a prerequisite for

Urbanism II (recommended)

12. Module content

Selected urban morphologies, ideals, debates and realities in the last three centuries up to now

with focus on:

- Western Europe as network of metropolitan areas, medium-sized and small towns and villages
- in the midst of diversely managed cultural landscapes
- with specific urban histories, morphologies, patterns
- with growth as well as population decline and demographic change,
- with conversion of existing structures in existing boundaries in metropolises and periphery
- from the perspective of an architect and urban designer.

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15.Types of media used

Lecture, script, city walk, literature research and internet research, discussions in practice groups, transfer in the form of mind maps, presentations

16. Recommended literature

Atlas zum Städtebau, Band 1: Plätze Band 2: Straßen, Hg. Vittorio Magnago Lampugnani, Harald Stühlinger, Markus Tubbesing, ISBN: 978-3-7774-2966-3

Die Stadt im 20. Jahrhundert, Vittorio Magnago Lampugnani, ISBN 978-3-8031-3633-6

Multiple City: Stadtkonzepte 1908 | 2008, Hg. Sophie Wolfrum, Winfried Nerdinger, ISBN 978-3-86859-001-2

Dichte Atmosphäre, Hg. Eberhard Tröger, Dietmar Eberle, 2017, ISBN: 9783035614831

Cities for People, Jan Gehl, 2010, 978-1597265737

Der Städtebau nach seinen künstlerischen Grundsätzen, Camillo Sitte, ISBN-10 3764366923

Le Corbusiers "Charta von Athen", Hg. Thilo Hilpert, ISBN-10 3528087560

Collage City, Colin Rowe, Fred Koetter, ISBN-10 0262680424

Genius Loci, Christian Norberg-Schulz, ISBN-10 0847802876

Zwischenstadt: zwischen Ort und Welt, Raum und Zeit, Stadt und Land, Thomas Sieverts, ISBN 978-3-663-11933-3

Baukultur: Fokus Land, Nadja Häupl

Schön hier. Architektur auf dem Land, ISBN-13 978-3775751506

17. Links to additional documents

Specified with the respective semester compendium

1 CAD/ Logic I

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time professors and lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester* (*see note in sec. 9)

5. Frequency

☒ winter semester   ☒ summer semester

6. ECTS credits and grading

5 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Teaching language

English

8. Type of instruction/ type of course/ workload

	Contact hrs	Independent study hrs[4]
Lectures and seminar-based teaching e.g. project work, group work, etc.	2 hours per week per semester/ 23 hrs	102 hrs

9. Prerequisites for participation

None. The modules CAD/ Logic I-III can be studied independently of the order shown in Annex 1 of the (degree) program-specific examination and (degree) program regulations.

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4 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

Students will understand the principles of using various advanced computer-aided tools in the design process.

They are able to use model-based programs and Building Information Modelling in a targeted manner in the design and detailing process.

They will be able to develop computer models for data collection, evaluation and optimization and apply them to various tasks, for example with regard to sustainability requirements, optimization of planning processes and alternative evaluation methods.

They can choose, apply and integrate the appropriate tools, derive meaningful data and steer processes in studio design works and in the professional practice.

11. Module is a prerequisite for

Basic knowledge and skills for Studio II, III, thesis

12. Module content

Integrated Design Process & Information Modelling

The course conveys knowledge and methods to integrate advanced software infrastructures in the design process. The course provides the medium's application and analytic outcomes as well as developing its synthetic use in the process that origins architecture.

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Various computer programs and BIM-tools

16. Recommended literature

Specified with the respective semester compendium

17. Links to additional documents

Specified with the respective semester compendium

2 Studio II

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

2nd semester

5. Frequency

☐ winter semester   ☒ summer semester

6. ECTS credits and grading

10 Credits

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[5]
Design-studio supervision by the Studio Master, lectures and seminar-based teaching, workshops, excursion etc.	8 hours per week per semester/ 90 hrs	160 hrs

9. Prerequisites for participation

None, but Studio I-III should be taken consecutively

10. Learning outcomes and competences

Students have in-depth skills to research the prerequisites of a complex design task, to analyze them systematically and to evaluate them under different aspects of prioritization. They have an in-depth

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5 Including time spent for preparations and follow-up work for classes and examinations.

understanding of the design process as a systematic search for the best design-aesthetic, contextual, functional, sociocultural, and constructional-technical solution and are able to select, prove and apply different design strategies and methods.

Students have extensive knowledge of the design process. They are able to systematically elaborate a design as an integrative process of condensed conscious and reasoned decisions. They are able to apply this approach to different design tasks and processes in the professional practice. They are able to integrate cultural, socio-economical, technological and ecological requirements in a coherent constructive-spatial, aesthetically refined design solution. They are able to evaluate and choose the adequate methods and strategies to develop and present the design using research based or experimental methodologies and all contemporary means of architectural representation, such as drawings on different scale-levels, physical and digital models, visualizations, diagrams etc. They are able to incorporate insights from discussions with experts and stakeholders into the design process. They can professionally and descriptively explain and defend their solutions within their study group and to professionals and experts.

11. Module is a prerequisite for

Studio II (recommended)

12. Module content

Changing complex design tasks are set – reaching from technology-oriented building solutions up to complex urban development strategies. In relation to the design task, the selection and application of adequate tools and methods of a scientific, technical, spatial and communicative nature are conveyed. Necessary content is imparted in supplementary, ancillary lectures and in thematic excursions. Discussions with experts and stakeholders from different professional backgrounds create awareness of the holistic nature of the design process. The research and design steps are worked out in presentations, sketches, physical and digital models, architectural drawings, diagrams and written explanations.

In studio discussions, interim and final presentations with external professionals and experts as guests' critics, students will develop the skills to coherently communicate and discuss their concepts and ideas.

13. Examination prerequisites (Prüfungsvorleistungen / PVL)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

P/C - presentation/colloquium

15. Types of media used

Interactive lectures, short introductory lectures/ presentations, excursions, seminar work, group work

16. Recommended literature

Specified with the respective semester compendium

17. Links to additional documents

Specified with the respective semester compendium

2 European Culture, Architectural History and Theory II

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

2nd semester

5. Frequency

☐ winter semester   ☒ summer semester

6. ECTS credits and grading

4 Credits

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[6]
Lectures	2 hours per week per semester/ 23 hrs	44 hrs
Seminar-based teaching e.g. project work, ect.	1 hours per week per semester/ 11 hrs	22 hrs

9. Prerequisites for participation

None, but European Culture, Architectural History and Theory I, II and III should be taken consecutively

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6 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

At the end of the module students are able

1) to comprehend the basic historic outlines of modern European architectural theoretical thinking from the Enlightenment to the Modern Movement.

2) to understand and reflect the interrelatedness of European architectural history with the political and social history of modern Europe.

3) to critically analyze social, political cultural and architectural history and its manifestations in historic architectural/ urban artefacts.

4) to establish a critical self-reflection of their positionality in contemporary practice and discourses.

5) search, find and critically evaluate relevance of sources (printed, digital, architectural objects) about chosen topics of the course and introduce and elaborate topics from them within their own writing, using appropriate speech and writing forms.

11. Module is a prerequisite for

Prerequisite for European Culture, Architectural History and Theory III (recommended)

12. Module content

- Architectural history and concepts of the Age of Enlightenment
- Utopia and Reform: Driving Forces of architectural progress? From Thomas Morus to William Morris.
- Industrialization and the situation of the "working poor". Social reform concepts and architecture in 19th century Europe.
- From Ebenezer Howard to the German Werkbund and to "Lebensreform": Reform Movements in Germany.
- Futurism and Constructivism in Italy and the Soviet Union
- European Culture from the Arts and Crafts to Bauhaus and Le Corbusier
- Architecture and Dystopia: Totalitarian tendencies in European architecture in the first half of the century.
- Considering post-war Utopia and avantgarde: The Situationist City as an Example

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Presentations, reading material (text excerpts, books), excursions, paper discussions and student presentations.

16. Recommended literature

Ballo, G. ed. (1990) *Futurism and the architecture of Sant'Elia [Accademia Italiana delle Arti e delle Arti Applicate, 1oth January – 24th February 1990],* Milano Mazzotta.

De Michelis M. "Manfredo Tafuri and the Death of Architecture", in: Donetti D. ed. (2019), pp. 45–64.

Donetti, D. ed. (2019) *Architecture and Dystopia.* New York Actar Publishers.

Frampton, K. (1992) *Modern Architecture. A Critical History.* (3rd. ed.) London Thames & Hudson.

Kaufmann, E. (1952) Three Revolutionary Architects. Boullée, Ledoux and Lequeu. Philadelphia American Philosophical Society.

Koselleck R. (2002) *The Practice of Conceptual History. Timing history, Spacing concepts*, (translated by Todd Samuel Presner), Palo Alto Stanford Univ. Press.

Kruft, H. W. (1994) *A History of Architectural Theory from Vitruvius to the Present.* Translated by R. Taylor, E, Callander, A. Wood, New York Princeton Architectural Press.

Malgrave, H. F. ed. (2008) *Architectural Theory II. An Anthology from 1871–2005.* Malden (MA) Blackwell Publishing.

Mannheim, K. (1936) *Ideology and Utopia. An Introduction to the Sociology of Knowledge*, London Paul, Trench, Trubner & co.

Miller-Lane, B. (1985) *Architecture and politics in Germany, 1918–1945*. Cambridge, Harvard Univ. Press.

von Moos, S. (1968) *Le Corbusier. Elemente einer Synthese.* Frauenfeld, Huber.

More, T. [Morus, Thomas] (1516), *Libellus vere aureus nec minus salutaris quam festivus. De optimo rei publicae statu deque nova Insula Utopia.* Leuven. [open access]

More, T. [Morus Thomas] (1999), (Reprint) *Utopia*, ed. by David Wootton, Indianapolis Hackett Publishing Company.

Morris, W. (1890) *News from Nowhere. Or an Epoch of rest. Being some Chapters from an Utopian Romance,* Boston, Roberts Brothers. [Open Access]

Olkusz, Michal, Klosinski Maj, K. (Ed.) *More after More. Essays commemorating the Five-Hundredth Anniversary of Thomas More's Utopia*. Krakow 2017. [Open Access].

Owen, R. (1927) *A New View of Society and Other Writings,* (with an introduction by G. D. H. Cole), London, New York Dent & Sons.

Pevsner, N. (1942) *An Outline of European Architecture.* Harmondsworth Penguin.

Sadler, S. (1999) *The Situationist City*, Cambridge (Mass.) MIT Press.

Tafuri, M. (1976) *Architecture and Utopia. Design and Capitalist Development*. (Translated by Barbara Luigia La Penta, *Progetto e Utopia, Bari*, 1973) Cambridge MIT Press.

Taut B. (1920) *Die Auflösung der Städte oder Die Erde eine gute Wohnung oder auch: Der Weg zur Alpinen Architektur*, Hagen Folkwang-Verlag. [open access].

Vidler A. (1990) *Claude-Nicolas Ledoux: Architecture and social reform at the end of the Ancien Régime*, Cambridge (Mass.) MIT Press.

Wigley, M. (1999): *Constant's new Babylon – the hyper-architecture of desire, [published on the occasion of the retrospective exhibition of Constant's New Babylon project, Center for Contemporary Art, Rotterdam Nov. 21st through Jan. 10th 1999]*, Rotterdam 010 publ.

17. Links to additional documents

Specified with the respective semester compendium

2 Urbanism II

1. Person responsible for the module

Prof. Vesta Nele Zareh

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

2nd semester, duration: one semester

5. Frequency

☐ winter semester   ☒ summer semester

6. ECTS credits and grading

5 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[7]
Lectures	2 hours per week per semester/ 22.5 hrs	40 hrs
Seminar	2 hours per week per semester/ 22.5 hrs	40 hrs

9. Prerequisites for participation

– Successful completion of Urbanism I is recommended

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7 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

- after completion of the module the students are able to:
- identify key topics in historical and current trends in urbanism,
- name political, ecological, economic, social, and spatial effects on and of current urbanistic tendencies,
- apply urban research methods to analyze an urban phenomenon,
- set up a micro-case study on a current urban phenomenon,
- create a research paper.

11. Module is a prerequisite for

Urbanism II is declared basic knowledge for the Second Year Studio/ Master Thesis.

12. Module content

The weekly lecture series is split into roughly six parts, each comprising two lectures that introduce students to key topics in historical and current trends in urbanism, contemporary urbanistic processes and the political, ecological, economic, social, and spatial effects on and of current urbanistic tendencies with a focus on the urban agglomeration and the development processes that have shaped it since the mid-20th century.

Each lecture begins with a definition of and an introduction to the topic, presents historical and contemporary references and case studies, and includes a section on methods.

Parallel to the lecture series, students will work during the semester in groups on a chosen topic and a method for research/ analysis and developing their own micro-case study on an urban phenomenon.

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

Participation in the lecture series and the seminar/presentation, seminar paper

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

- Interactive lectures
- Short introductory lectures/presentations
- excursions
- Seminar work
- Group work
- Application of urban research methods (literature research and analysis, mapping, analytical drawing techniques, data collection and analysis, etc.)
- Preparation of a seminar paper
- Case study research

16. Recommended literature

- Evans, David; Gruba, Paul; Zobel, Justin How to Write a Better Thesis, Melbourne University Press, 2011
- Lefebvre, Henri The Production of Space, Blackwell Publishing, Malden, 1974
- Mc Dowell, W. H. Historical Research A Guide, Longman, 2002
- Mumford, Lewis The City in History: Its Origins, Its Transformations, and Its Prospects, Mariner Books, 1968
- Ward, Kevin Researching the City, Sage, 2014
- Weber, Rachel Oxford Handbook of Urban Planning, Oxford University Press Inc, 2012

17. Links to additional documents

See Urbanism II of the relevant semester on Moodle

2 CAD/ Logic II

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time professors and lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

2nd semester* (*see note in sec. 9)

5. Frequency

☐ winter semester   ☒ summer semester

6. ECTS credits and grading

5 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[8]
Lectures and seminar-based teaching e.g. project work, group work, etc.	2 hours per week per semester/ 23 hrs	102 hrs

9. Prerequisites for participation

None. The modules CAD/ Logic I-III can be studied independently of the order shown in Annex 1 of the (degree) program-specific examination and (degree) program regulations.

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8 Including time spent for preparations and follow-up work for classes and examinations.

| 10. | Learning outcomes and competences |

The students are aware, that "the transmission of information serves to create culture" (Umberto Eco 1972). They understand that with the introduction of the computer into almost all relevant communication media and areas of life, the question of the creation of a new culture is becoming increasingly significant.

They can master visual arts and communication media to create, explain and develop architecture as a cultural expression. They are able to use digital media such as diagrams, renderings and augmented realities to elevate the discourse with experts and an interested public to a higher level. They will be able to apply digital communication methods and tools to design tasks in studios and professional practice. They are able to align project goals with the appropriate methods of communication to achieve them.

| 11. | Module is a prerequisite for |

Basic knowledge and skills for Studio III and thesis

| 12. | Module content |

Visual Art & Communication

Training in various digital communication media such as rendering techniques, creation of motion and video, using virtual, mixed and augmented reality tools and the respective application to different stages of the design process and the field of communication. Teaching and discussion of project-related methods for the selection and targeted application of digital communication techniques in architecture.

| 13. | Examination prerequisites (*Prüfungsvorleistungen / PVL*) |

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

| 14. | Prerequisites for crediting (type and duration of examination) |

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

| 15. | Types of media used |

Various digital media specified in the respective semester compendium

| 16. | Recommended literature |

Specified in the respective semester compendium

| 17. | Links to additional documents |

Specified in the respective semester compendium

3 Studio III

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module ☐ elective module

3. Campus

Dessau-Rosslau

4. Modules term and duration

3rd semester

5. Frequency

☒ winter semester ☐ summer semester

6. ECTS credits and grading

10 Credits

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction / Type of course/ Workload

	Contact hrs	Independent study hrs[9]
Design-studio supervision by the Studio Master, lectures and seminar-based teaching, workshops, excursion etc.	8 hours per week per semester/ 90 hrs	160 hrs

9. Prerequisites for participation

None, but Studio I-III should be taken consecutively

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[9] Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

Students have experienced to work on a complex design task with regard to a social, cultural and historical context which implicates a potential set of requirements and the resulting programmatic coordination of project specific qualities, potentials and deficiencies. They have learned to decide for an appropriate analytic strategy in order to understand the abovementioned context and to choose the resultant design strategy and methodology. They are able to develop a project-specific program according to the self-responsible analysis of underlying circumstances of the project situation and the resulting parameters. They have developed skills in the formation and narration of an individual approach with means of text, drawings, diagrams and visualizations. They are able to incorporate discoveries from analytical processes and critical assessments into the project design and to unroll the respective strategy within their studio group and to professionals and experts in adequate terminology.

11. Module is a prerequisite for

Master's Thesis

The module is forming a basis for a self-responsible project work in architectural planning with regard to urban, social and cultural strategies in the context of contemporary terms of reference.

12. Module content

The module is a preparatory academic element of a consecutive study concept leading towards the master's thesis. It allows for the self-responsible programming of a thesis project in the context of a set framework or location in coordination with a general topic offered by the studio master.

The project generally entails complex architectonic, urban, sociocultural and historical boundary conditions, which allow for differentiated interpretations and a variety of design strategies and interventions.

Students will apply skills belonging to and supporting a conceptual approach of design by research, using analytical and methodological tools in order to develop a personal and specific idea for the formation of an architectural intervention in an existing setting. They will dispute artistic and scientific implications of the project in critical reflection and under coordination of the studio master.

The module may, under the same principles, be subject to a semester abroad in the context of existing partnership agreements and on the basis of a formal learning agreement.

13. Examination prerequisites (Prüfungsvorleistungen / PVL)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

P/C - presentation/ colloquium

15. Types of media used

Interactive lectures, short introductory lectures/ presentations, excursions, seminar work, group work

16. Recommended literature

Specified with the respective semester compendium

17. Links to additional documents

Specified with the respective semester compendium

3 European Culture, Architectural History and Theory III

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

3rd semester

5. Frequency

☒ winter semester   ☐ summer semester

6. ECTS credits and grading

4 Credits

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[10]
Lectures	2 hours per week per semester/ 23 hrs	44 hrs
Seminar-based teaching e.g. project work, etc.	1 hours per week per semester/ 11 hrs	22 hrs

9. Prerequisites for participation

None, but European Culture, Architectural History and Theory I, II and III should be taken consecutively

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10 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

At the end of the module students are able

1) to comprehend the basic historic lines of modern European architectural theoretical thinking from the post-World War II years to the present.

2) draw own conclusions from comparisons of contemporary and historic problems in architectural discourse.

3) search, find and critically evaluate independently the relevance and context of sources (texts and architectural objects) about chosen topics of the course, introduce and elaborate topics from them within their own writing, using appropriate media forms, speech and writing formats.

4) elaborate a conceptual outline for a qualified discussion of a theoretical problem in architecture as required in academic writing, i.e. in a master's thesis paper.

11. Module is a prerequisite for

None, but European Culture, Architectural History and Theory I, II and III should be taken consecutively.

12. Module content

- Post-War discourses in European modern architecture: From Le Corbusier to Metabolism.
- Post-War Utopias: From Archigram to Neo-Futurism.
- Learning from everyday cultures: The Ugly and the ordinary as new architectural paradigms.
- Radical criticism: From Archizoom to COOP Himmelblau.
- The Return of History in Architecture: Aldo Rossi's Architecture of the City.
- The Critique of Functionalism: Postmodernism in European architectural discourse.
- Deconstructivism in European architecture.
- From the global back to local culture? The case of Rem Koolhaas' writings and Lacaton & Vassal's architectural practice.

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Presentations, reading material (text excerpts, books), excursions, paper discussions and student presentations.

16. Recommended literature

Banham, R. (1977) *Megastructure. Urban Futures of the recent Past.* Thames and Hudson 1976.

Crompton, D. et. Al. (2012) *A guide to Archigram 1961–74.* (3rd rev. ed.) New York Princeton Architectural Press.

Donetti, D. ed. (2019) *Architecture and Dystopia.* New York Actar Publishers.

Feuerstein, Günther et. Al. (1988) *Visionäre Architektur Wien 1958–1988.* Berlin Ernst.

Friedman, Y., Homirides, M. (2015) *Yona Friedman. Drawings and Models 1945–2015.* Dijon les presses du reel.

Jencks, C. (1987) *The Language of Post-Modern Architecture.* (5th revised, enlarged ed.) New York Rizzoli

Jencks, C. (1986) *What is Postmodernism?* London, Academy Ed. [several reprints]

Johnson, P., Wigley, M. eds. (1988) *Deconstructivist Architecture.* [Exhibition Catalog]. New York.

Klotz, H. (1984) *Moderne und Postmoderne. Architektur der Gegenwart 1960–1980.* Braunschweig, F. Vieweg & Sohn.

Koolhaas, R. Mau, B. (1995) *S, M, L, XL,* New York, Monacelli Press.

Kruft, H. W. (1994) *A History of Architectural Theory from Vitruvius to the Present.* Translated by R. Taylor, E, Callander, A. Wood, New York Princeton Architectural Press.

Kurokawa, Kisho (1977) *Metabolism in Architecture.* London Studio Vista.

Libeskind, D., Schneider, B. (1999) *Jüdisches Museum Berlin. Zwischen den Linien.* München Prestel.

Lyotard, F. (1984) *The Postmodern Condition. A Report on Knowledge,* (trans. by Geoffrey Bennington and Brian Massumi from French) Univ. of Minesota Press.

Malgrave, H. F. ed. (2008) *Architectural Theory II. An Anthology from 1871–2005.* Malden (MA) Blackwell Publishing.

Museum of Modern Art (ed.) (1975) *Five architects: Eisenman, Graves, Gwathmey, Hejduk, Meier.* New York, Oxford Univ. Press.

Pehnt, W. (2006) *Deutsche Architektur seit 1900.* München DVA.

Rossi, A. (1982) *The Architecture of the City*. New York Rizzoli.

Stauffer, M. T. "Learning from No-Stop City: Archizoom's Utopia Revisited" in: Donetti D. ed (2019), pp. 101–128.

Venturi, R. (1977) *Complexity and Contradiction in Architecture. With an Introduction by Vincent Scully.* New York Museum of Modern Art.

Venturi, R. Scott-Brown, D. Izenour, S. (1972) *Learning from Las Vegas*, Cambridge (Mass.) MIT Press

Wigley, M. (1999): *Constant's new Babylon – the hyper-architecture of desire, [published on the occasion of the retrospective exhibition of Constant's New Babylon project, Center for Contemporary Art, Rotterdam Nov. 21st through Jan. 10th 1999]*, Rotterdam 010 publ.

17. Links to additional documents

Specified with the respective semester compendium

3 Research Methods

1. Person responsible for the module

Prof. Vesta Nele Zareh

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

3rd semester

5. Frequency

☒ winter semester   ☐ summer semester

6. ECTS credits and grading

5 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[11]
Lectures	2 hours per week per semester/ 22.5 hrs	40 hrs
Seminar-based teaching, e.g. project work, group work, etc.	2 hours per week per semester/ 22.5 hrs	40 hrs

9. Prerequisites for participation

None

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11 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

After completion of the module the students are able to:

- know about the relation between architectural design/ urban design and architectural and urban research,
- know about the historical development and current trends of architectural research methods,
- name key research methods for both architectural and urban research,
- apply selected research methods on a given case study.

11. Module is a prerequisite for

Master's Thesis

12. Module content

- the weekly lecture series is split into roughly four parts, introducing the students on the relation between architectural/urban design and architectural/ urban research, the historical development and
- current trends in the application of research methods and giving an overview on selected research methods both architectural and urban.
- parallel to the lecture series, students will work during the semester in groups on a chosen case study and apply a selected set of research methods.
-

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

Participation in the seminar/presentation, seminar paper

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to the type of examination stated on the valid examination regulations.

15. Types of media used

- introductory lectures/ presentations
- seminar work
- group work
- application of selected exemplary architectural/urban research methods on a given case study.

16. Recommended literature

- Aksamija, Ajla research Methods for the Architectural Profession, Routhledge, 2021
- Groat, Linda N.; Wang, David Architectural Research Methods, Wiley, 2013
- Mc Dowell, W. H. Historical Research A Guide, Longman, 2002
- Silberberger, Jan Agains and for Method: Revisiting Architectural Design and Research, gta publishers, 2021
- Silva, Elisabeth A., Healey, Patsy The Routledge Handbook of Planning Research Methods, Routhledge, 2014
- Ward, Kevin Researching the City, Sage, 2014

17. Links to additional documents

Specified with the respective semester compendium

3 CAD/ Logic III

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time professors and lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

3rd semester* (see note in sec. 9)

5. Frequency

☒ winter semester   ☐ summer semester

6. ECTS credits and grading

5 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of Course/ Workload

	Contact hrs	Independent study hrs[12]
Lectures and seminar-based teaching e.g. project work, group work, etc.	2 hours per week per semester/ 23 hrs	102 hrs

9. Prerequisites for participation

None. The modules CAD/Logic I-III can be studied independently of the order shown in Annex 1 of the (degree) program-specific examination and (degree) program regulations.

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12 Including time spent for preparations and follow-up work for classes and examinations.

10.	Learning outcomes and competences

In accordance with the respective topic focus, students acquire the following knowledge and skills:

<u>Visual programming</u>: the students are able to combine program constructs, such as instructions, control structures and method signatures, which are visualized, in a graphical user interface and thereby create new programs and apply them in the design process.

<u>Additive manufacturing</u>: students understand the technological constraints of additive manufacturing, are able to design buildings or components whose fabrication is adapted to the specific possibilities of this manufacturing process and are able to create the underlying digital model.

<u>Robotics fabrication</u>: Students understand the technological constraints of robotics fabrication, are able to design objects or components whose fabrication is adapted to the special possibilities of this manufacturing process and are able to create the underlying digital model and control the process flow.

<u>Space construction & exploration</u>: Students will be able to analyze and test space formations on the digital model with regard to construction, surface and desired spatial impression and translate them into built analogue mock-ups up to the 1:1 scale. They have gained experience with spatial effects, complex construction principles, joining techniques and the coordination of building components and materials.

<u>Consolidation of the topic complexes CAD logic I +II</u>: Following the same competence path of CAD/ Logic I or II students gain an ascending cognition level of proficiency. They have achieved a high degree of professionalism in dealing with the respective digital medium and have developed its synthetic use in the process that origins architecture.

11.	Module is a prerequisite for

Consolidation of skills in thematically parallel studios or prerequisites for thesis in technology-oriented fields

12.	Module content

The topics Additive Manufacturing, Robotics Fabrication and space construction & exploration are laboratory or workshop bound. There, students learn how to handle the corresponding technology, the programming requirements behind and the manufacturing process. In seminars, the application possibilities in architecture are explored.

In "Visual programming and Consolidation of the topic complexes CAD/ Logic I + II", advanced computational design methods and skills and their application in the design process are taught.

13.	Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Various computer programs, manufacturing robot, 3D-Printer of different sizes

16. Recommended literature

Specified with the respective semester compendium

17. Links to additional documents

Specified with the respective semester compendium

WPM (Wahlpflichtmodule) / Electives

Elective: Cultural Theory and Practice

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☐ compulsory module   ☒ elective module

3. Campus

Dessau-Rosslau

4. Program semester is offered

1st semester, 2nd semester, 3rd semester

5. Frequency

☒ winter semester   ☒ summer semester

6. ECTS credits and grading

3 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[13]
Lectures and seminar-based teaching project work, group work etc.	2 hours per week per semester / 23 hrs	53 hrs

9. Prerequisites for participation

None

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13 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

After completing CTP modules, students will be able to analyze typological patterns and their historic and social context.

Students will be able to understand continuities of typological development across a broad range of architectural production.

Students will be able to evaluate complex relationships between architectural and cultural production using comparative methodologies.

Students will be able to create and present succinct and successful presentations as a useful tool for later professional project presentations.

11. Module is a prerequisite for

This module aids in the development of studio projects by raising awareness of typological continuity and precedents. Students are enabled to recognize that their personal architectural production is embedded in a rich context of previous work. Students are further enabled to recognize that significant typological similarities across cultures are indicative of the interconnectedness of global cultural production.

12. Module content

- introductory lectures by instructor defining the focus of the module
- group discussion to define the research focus, students are encouraged to contribute case study suggestions from their own cultural contexts
- case study presentations by students (either as individual or group presentation)
- case study presentations initiate class discussions as group research
- a graphic exercise is prepared by each student which interprets the essence of the individual case study in an abstract manner
- the graphic results are presented in a group context and introduced by the students. The group discussion and show serve to tie together the individual case studies and emphasize the continuities among the studied typologies.

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

- projector presentations by students and
- projector presentations by lecturer
- graphic results as "pin-up", medium chosen by students (may include Cad/hand-drawing, text based, etc.)

16. Recommended literature

Specified with the respective semester compendium

17. Links to additional documents

Specified with the respective semester compendium

Elective: Advanced Modelling / Computational Design

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☐ compulsory module   ☒ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester, 2nd semester, 3rd semester

5. Frequency

☒ winter semester   ☒ summer semester

6. ECTS credits and grading

3 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction/ Type of course/ Workload

	Contact hrs	Independent study hrs[14]
Lectures and seminar-based teaching project work, group work etc.	2 hours per week per semester / 23 hrs	53 hrs

9. Prerequisites for participation

Enrolment in the Studio I / II "Computational Skeleton / Skin" is mandatory.
Bring your own laptop with the latest version of Rhinoceros installed.

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14 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

Upon successful completion of this module, students will be able to:

I: incorporate computational design tools (mainly the algorithmic editor Grasshopper for Rhinoceros) into their workflows, from design to fabrication.

II: identify tasks and challenges where algorithmic design and computational power provide major advantages.

III: work with industrial robots focused on the field of architecture.

11. Module is a prerequisite for

Computational Design I / II is declared as basic knowledge for Studio I / II "Computational Skeleton / Skin"

12. Module content

- Introduction to Computational Design
- Computational Design and Biomimetics
- Grasshopper I: Intro
- Grasshopper II: Data types
- Grasshopper III: Lists and Trees
- Grasshopper IV: Data Matching
- Grasshopper V: GH Strategies
- Introduction to Evolutionary Computing
- Introduction to Robotic Manufacturing

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Presentations: all the documents and a recording of the session will be available for the participants after each presentation (Google Drive).
Social Media (Slack): we use different channels inside the app to solve questions and facilitate group work.
Practical demonstrations: part of our work takes place in the robotic laboratory.

16. Recommended literature

Gil Akos & Ronnie Parsons. *The Grasshopper Primer – Third Edition.* (https://modelab.git-books.io/grasshopper-primer/content/)

Rajaa Issa, *Essential Mathematics for Computational Design – Fourth Edition.* (https://www.rhino3d.com/download/rhino/6/essentialmathematics)

Zubin Khabazi. *Generative Algorithms.* (https://labdigifab.files.wordpress.com/2014/03/generative-algorithms.pdf)

Wassim Jabi. *Parametric Design for Architecture*. Laurence King, 2013.

Arturo Tedeschi. *AAD – Algorithms-Aided Design*. Len Penseur Publisher, 2014.

Robert Woodbury. *Elements of Parametric Design*. Routeledge, 2010.

Helmut Pottmann, Andreas Asperl, Michael Hofer, and Axel Kilian. *Architectural Geometry*. Bentley Institute Press, 2007.

Achim Menges and Sean Ahlquist. *Computational Design Thinking*. Chichester, UK: John Wiley & Sons, 2011.

Mark Burry. *Scripting Cultures: Architectural Design and Programming*. Chichester, UK: Wiley, 2011.

Peters, Brady. *Inside Smartgeometry: Expanding the Architectural Possibilities of Computational Design*. Chichester: Wiley, 2013.

17. Links to additional documents

Specified with the respective semester compendium

Elective: Architectural and Urban Analysis

1. Person responsible for the module

Prof. Johannes Kalvelage

Lecturers/instructors: alternating full-time lecturers

2. Module type

☐ compulsory module   ☒ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester, 2nd semester, 3rd semester

5. Frequency

☒ winter term   ☒ summer term

6. ECTS credits and grading

3 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction / Type of course/ Workload

	Contact hrs	Independent study hrs[15]
Lectures and seminar-based teaching project work, group work etc.	2 hours per week per semester / 23 hrs	53 hrs

9. Prerequisites for participation

None

10. Learning outcomes and competences

Students will have been able to choose a topic of individual interest from a context of cultural, social and historical relevance in the field of architecture and urban design. They have gained competences

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15 Including time spent for preparations and follow-up work for classes and examinations.

in analytic methodologies and are able to apply the resultant skills to complement the process of their studio work on complex projects under the conceptual approach of design by research.

11. Module is a prerequisite for

Architectural and Urban Analysis are fundamental methodological tools for the realization of any studio work on complex design tasks with regard to a social, cultural, historical and technological context and the respective implications in the fields of science and art.

12. Module content

The elective is an academic element of a project-oriented holistic didactical concept with complementary function in regard to multifarious skills required for architectural and urbanistic practice. The respective topic entails analytical examination of above-average case constellations in the field of architecture and urban design.

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Interactive lectures, presentations, excursions, seminar work, group work

16. Recommended literature

Specified with the respective semester compendium

17. Links to additional documents

Specified with the respective semester compendium

Elective: Sustainable Design Methods

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☐ compulsory module   ☒ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester, 2nd semester, 3rd semester

5. Frequency

☒ winter semester   ☒ summer semester

6. ECTS credits and grading

3 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction / Type of course/ Workload

	Contact hrs	Independent study hrs[16]
Lectures and seminar-based teaching project work, group work etc.	2 hours per week per semester / 23 hrs	53 hrs

9. Prerequisites for participation

None

10. Learning outcomes and competences

Upon completing SDM Modules, student would be able to understand various sustainable design methods, experimenting the implications of sustainable methods in their design, understanding the principles in pillars of sustainability and link with sustainable design method. Students would recognize the benefits of sustainable design in their studies to express, develop and produce various sustainable architecture of the future.

Discussions are done in group work; thus, students would be able to brainstorm and discuss ideas with their partners, preparing students for studio culture in the upcoming working environment.

11. Module is a prerequisite for

Sustainable Design Methods is declared as additional knowledge for Studio and other electives in Design.

12. Module content

- Introduction to module (e.g., Parasitic House, Safe House, Tiny House, Tiny's Learning - modules varies every semester)
- What is the topic of the module and case studies
- Study on various locations that relates to module, and related case studies
- Sustainable design tools and criteria
- How to achieve a good and sustainable design for the topic of the module, and case studies
- Materials studies and related case studies
- Coursework workshop
- First idea presentation, mid-term and final

* Module content varies every semester due to the difference in topic

13. Examination prerequisites (Prüfungsvorleistungen / PVL)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Presentations, Social Media (Instagram), virtual whiteboard (Miro), and virtual presentations (Zoom).

16. Recommended literature

Carbon Trust (2014) Empower savings calculator, Available at http://www.carbontrust.com/resources/tools/empower-savings-calculator

CIBSE Guide F (2012) Energy Efficiency in Buildings. CIBSE

Diesendorf, M. (2014) Sustainable Energy Solutions for Climate Change. Earthscan

European building automation controls association (eu. bac) and European association of Energy Services companies (eu. bac ESCO), Energy Performance Contracting in the European Union, Available at http://www.euesco.org/fileadmin/euesco_daten/pdfs/euESCO_response_concerning_EPC.pdf.

Finnegan, S (2018) Embodied Carbon of Sustainable Technologies In: Pomponi, F; De Wolf, C and Moncaster A (2018) Embodied Carbon in Buildings – Measurement, Management and Mitigation. Springer http://doi:10.1007/978-3-319-72796-7

Kibert, C (2013) Sustainable Construction: Green Building Design and Delivery. Third Edition. Wiley

Pelsmaker, S (2012) The Environmental Design Pocketbook. RIBA Publishing. Liverpool Univesity Sydney Jones Library NA254235P38

Robertson, M. (2014) Sustainability Principles and Practice. Earthscan

Carr, S., Francis, M., Rivlin, L., & Stone, A. (1992). Needs in public space. In V. Mehta (Ed.) Public space (environment and behavior series). Cambridge University Press. from https://www.worldcat.org/title/public-space/oclc/781454661/viewportooper

Whyte, W. H. (1980). The social life of small urban spaces. Project for Public Spaces.

Worpole, K., & Knox, K. (2007). The social value of public space. Joseph Rowntree Foundation.

SPRINGER. (2018). Sustainable smart cities: Creating spaces for technological, social and business development.

17. Links to additional documents

Specified with the respective semester compendium

Elective: Design and Society

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☐ compulsory module　　　　☒ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester, 2nd semester, 3rd semester

5. Frequency

☒ winter semester　　　　☒ summer semester

6. ECTS credits and grading

3 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction / Type of course/ Workload

	Contact hrs	Independent study hrs[17]
Lectures and seminar-based teaching project work, group work etc.	2 hours per week per semester / 23 hrs	53 hrs

9. Prerequisites for participation

None

10. Learning outcomes and competences

After participating in the module events, the students are able to:

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17 Including time spent for preparations and follow-up work for classes and examinations.

1. apply *User-Centered Analysis Method* to design a game that will teach kids about sustainable architecture and urbanism. It is a designing method that set up a user profile before making an object. Understanding particular motifs, symbolic meanings and unmet needs of a group of kids helps to develop a game.

2. apply *Mental Mapping Designing Method* that includes observing, recording, interpreting, and visualizing experiences of the particular living environment to represent phenomena in spaces in a subjective way, from sensual, emotional, associative, reflexive, through verbal to visual. All together they are creating a system of cognitive references for designing a compassionate spatial intervention.

11. Module is a prerequisite for

Design and Society is declared as additional knowledge for Studio and other electives in Design.

12. Module content

This course is a workshop platform for practicing system thinking and design that are concerned with the relationship between design and society.

- in the winter term students develop a small game design project that use games for educating kids in sustainable architecture and urbanism. It looks for a way to increase kids' engagement with society and to include kids' potentials in social debates about sustainable development. Learning by making games works as a rule-based learning system in which students use strategic thinking to make choices, solve complex problems, seek content knowledge, receive constant feedback, and consider the point of view of others.

- in the summer term students are developing a small spatial design project in which they learn to use mental mapping in the designing process. Mental mapping is composed of series of successive psychological transformations by which a designer can code, store, and use subjective experiences about spatial phenomena. Mental maps reveal often invisible potentials of the living environment and can point to meaningful opportunities for the design that can transform it. This way, a designed product becomes a device for creating more compassionate relationships between society and living environment.

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Lectures, discussions, case studies, field work, interviews, step by step project development, consultations, drawings, project presentations, social media (Facebook groups), virtual presentations (Webex)

16. Recommended literature

Salen, Katie and Zimmerman, Eric: "Rules of Play - Game Design Fundamentals." The MIT Press Cambridge, Massachusetts London, England, 2004

Salen, Katie. "Toward an Ecology of Gaming." *The Ecology of Games: Connecting Youth, Games, and Learning*. Edited by Katie Salen. Cambridge, MA: The MIT Press, 2008.

Habraken, H.J.; Gross, M. D., *Concept Design Games* (Book 1 and 2). Design Methodology Program. Department of Architecture, MIT Press: Cambridge, Massachusetts. 1987

Wright, Peter; McCarthy, John., *Experience-Centered Design: Designers, Users, and Communities in Dialogue.* Morgan & Claypool, Philadelphia. 2010

Jones, Debra; Endsley, Mica., *Designing for Situation Awareness: An Approach to User-Centered Design.* Taylor & Francis Group, New York, 2004

Kraft, Christian,. *User Experience Innovation*: *User Centered Design That Works.* Apress. New York. 2012

Parr, Adrian; Zaretsky, Michael,. New Directions in Sustainable Design. Routlage, New York, London. 2012

Szokolay, Steven,. *Introduction to Architectural Sceinces: The Basis of Sustainable Design.* Elsevier, Burlington US, London U. 2008

Walker, Stuart,. *Sustainable by Design: Exploration in Theory and Practice.* Earthscan, London, Sterling VA. 2006

Transforming Our World: The 2030 Agenda for Sustainable Development, United Nations A/RES/70/1.

Wark, McKenzie,. *The Beach beneath the Streets*. Verso. London , New York. 2011

Coverley, Merlin,. *Psychogeography.* Pocket essentials. Harts UK. 2006

17. Links to additional documents

https://www.facebook.com/groups/638029939973819

https://www.facebook.com/groups/123319638346066

Elective: Materials and Building Techniques

1. Person responsible for the module

Prof. Dr. Stefan Reich

Lecturers/instructors: alternating full-time lecturers

2. Module type

☐ compulsory module   ☒ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester, 2nd semester, 3rd semester

5. Frequency

☒ winter semester   ☒ summer semester

6. ECTS credits and grading

3 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction / Type of course/ Workload

	Contact hrs	Independent study hrs[18]
Lectures and seminar-based teaching project work, group work etc.	2 hours per week per semester / 23 hrs	53 hrs

9. Prerequisites for participation

None

10. Learning outcomes and competences

After participating in the module events, the students are capable of:

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18 Including time spent for preparations and follow-up work for classes and examinations.

I: reading and understanding material behavior of modern building materials and smart materials used in buildings or for further industrial purposes

II: transferring abstract material functions to architectural and/or building envelope application

III: developing of new visionary, conceptional applications of state-of-art materials and building techniques to future architectural solutions in buildings and built environment

IV: evaluating meaning, value and efficiency of developed solutions regarding improvement of performance, energy consumption, sustainability

11. Module is a prerequisite for

None

12. Module content

Behavior, application, characteristics, production and processing, examples for use of emerging materials and edge cutting building techniques from building industry or different industrial or scientific fields

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Lecture, presentations, literature research and internet research, discussions in practice groups

16. Recommended literature

Smart Materials, Axel Ritter

Smart materials and Technologies for the architecture and design professions, Michelle Addington and Daniel Schodek

Information Materials - Smart Materials for Adaptive Architecture, Manuel Kretzer

17. Links to additional documents

Specified with the respective semester compendium

Elective: Art Techniques (Drawing, Sculpture, Performance)

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☐ compulsory module   ☒ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester, 2nd semester, 3rd semester

5. Frequency

☒ winter semester   ☒ summer semester

6. ECTS credits and grading

3 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction / Type of course/ Workload

	Contact hrs	Independent study hrs[19]
Lectures and seminar-based teaching project work, group work etc.	2 hours per week per semester / 23 hrs	53 hrs

9. Prerequisites for participation

None

10. Learning outcomes and competences

Upon successful completion of this module, students are able to analyze and understand spatial structures and construction as effects and expressions of conscious and un-conscious movements.

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19 Including time spent for preparations and follow-up work for classes and examinations.

Especially according to architectural design, the students learn that there is – beyond the traditional separation of body and mind - a dialectical relationship or interdependences of characteristic movements, gestures and bodily awareness in the design process and how architectural structures were perceived by users in interaction with them. Therefore, the students develop a wider body awareness through experiences with very own body exercises inspired by actors and dancer trainings but also by body and motion studies of the historical Bauhaus stage workshop. Parallel with practicing embodiment of forms and space in movement exercises and motion studies students learn to evaluate and reflect their experiences theoretically, based on contemporary but also historical body and space theories. Finally, students are able to integrate new regarded body knowledge as a relevant perspective into their design practices.

11. Module is a prerequisite for

No basic knowledge is needed.

12. Module content

- Introduction into and discussion about theories of embodiment, spatial body awareness, relations of architecture and dance
- Basic movement exercises to explore the human body as an instrument of form and spatial creations – to understand architecture as an art of space production which is based on the design of spatial perceptions and which is including all senses
- Further exploration of body-based practices of space production, including the creation and usage of props and other instruments which could support motion studies and performative space creation in interplays of body, material and environment
- Photo- and video documentation of performative experimentation as foundation for the reflection, discussion a further development of the developed practices
- Final collective performance presentation with guest critics and other guests
- Documentation and reflection of the experimentation experiences. Editing of texts, described photo collection or video(s)

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

E/B - design concept/ paper

15. Types of media used

Black board explanations, digital presentations, photos, video recording, sound techniques

16. Recommended literature

Oskar Schlemmer, Laszlo Moholy-Nagy and Farkas Molnár, eds: *Die Bühne am Bauhaus* (Munich: Albert Lange, 1925). English translation: Oskar Schlemmer, Laszlo Moholy-Nagy, and Farkas Molnár, *The Theater of the Bauhaus*, Walter Gropius and Arthur S. Wensinger, eds., trans. Arthur S. Wensinger (Middleton, Conn: Wesleyan University Press, 1971).

Torsten Blume: *Dance Bauhaus*, Leipzig: Seemann 2016

Adesola Akinleye: D*ance, Architecture and Engineering*. Bloomsbury Publishing, 2021

Marcia Feuerstein, Gray Read : *Architecture as a Performing Art*, London, New York, Routledge, 2016

Miriam Mlecek, Claudia Perren, eds: *PERCEPTION in Architecture: HERE and NOW*, Newcastle upon Tyne, UK : Cambridge Scholars Publishing, 2015.

Sekou Cooke: *Hip-Hop Architecture*, Bloomsbury Publishing, 2021

Evelyn Dörr, Rudolf Laban: *The Dancer of the Crystal*. Scarecrow Press, 2007

Gabriele Brandstetter: *Poetics of Dance: Body, Image, and Space in the Historical Avant-Gardes*, Oxford University Press, 2015

17. Links to additional documents

Emily Rai-Pi Huang, Body in space: the sensual experience of architecture and dance. Thesis (M. Arch.)- Massachusetts Institute of Technology, Dept. of Architecture, 1991.
https://dspace.mit.edu/handle/1721.1/67399

Jerzy Charytonowicz, Christianne Falcão: Advances in Human Factors in Architecture, Sustainable Urban Planning and Infrastructure

Proceedings of the AHFE 2021 Virtual Conference on Human Factors in Architecture, Sustainable Urban Planning and Infrastructure, July 25-29, 2021, USA, https://link.springer.com/book/10.1007/978-3-030-80710-8

Bauhaus Open Stage: Performative Architectonics. Exercises for Designers. https://www.bauhaus-dessau.de/bauhaus-open-stage-performative-architectonics.html

Elective: Film and Architecture

1. Person responsible for the module

Prof. Stefan Worbes

Lecturers/instructors: alternating full-time lecturers

2. Module type

☐ compulsory module   ☒ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester, 2nd semester, 3rd semester

5. Frequency

☒ winter semester   ☒ summer semester

6. ECTS credits and grading

3 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction / Type of course/ Workload

	Contact hrs	Independent study hrs[20]
Lectures and seminar-based teaching project work, group work etc.	2 hours per week per semester / 23 hrs	53 hrs

9. Prerequisites for participation

None

10. Learning outcomes and competences

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20 Including time spent for preparations and follow-up work for classes and examinations.

The elective module Film & Architecture (Cinetecture) enables students to perceive concepts and inner structures of architectures on the basis of very similar structures in a medium foreign to the subject. The analysis of the methodology used enables them to question their own work according to similar criteria and to develop alternatives for their own working methods. The principle is to facilitate the discussion on these topics by conducting it in a different but equally emotionally charged artistic field. Connections to influences on one's own work can be discovered largely stress-free and used for personal development.

11. Module is a prerequisite for

12. Module content

This course analyses various theoretical historical and contemporary approaches to storytelling through visual means. It examines how filmmaking follows internal structures, similar to building theory as a basis for design. Means of abstraction used (silent film, sound film, black and white film, color film); means (sound, score, timeline, dialogues, visual language and composition, movement) or experimental sub-areas (e.g. stage design) and their respective interaction are analyzed.

The analogy to the integration of different disciplines in design (artistic, practical technical, craft) is examined as well as the work and artistic development of certain directors (architects) or the influences of the zeitgeist on the medium of film and vice versa (analogous to the influence of the zeitgeist on architecture).

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

None, according to the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:
E/B - design concept/ paper

15. Types of media used

Beamer presentations

16. Recommended literature

Bordwell, David: Film Art. An Introduction. (1980) 7. Aufl. New York: McGraw-Hill Publishing 2005.

Bordwell, David: Narration in Fiction Film. Wisconsin 1987. Bordwell, David: Visual Style in Cinema. 2. Aufl. Frankfurt a.M: Verlag der Autoren 2001.

Bordwell, David: The way Hollywood tells it. Story and Style in modern movies.University of California Press 2006.
Bulgakowa, Oksana: Sergej Eisenstein - drei Utopien. Architekturentwürfe zur Filmtheorie Mass Market Paperback, PotemkinPress 1996, Cousins, Mark, The Story of Film

Batsford Books Limited; Revised edition (2020)
Deleuze, Gilles: Cinema I: The Movement-Image, Bloomsbury Academic; 1st edition 2013

Deleuze, Gilles: Cinema II: The Time-Image Bloomsbury Academic; 1st edition 2013

Gast, Wolfgang: Film und Literatur. Grundbuch. Einführung in Begriffe und Methoden der Filmanalyse. Braunschweig: Diesterweg 1993.

Hayward, Susan: Cinema Studies. The Key Concepts. 2. Aufl. London/New York 2000.

Kanzog, Klaus: Filmprotokollierung als Wahrnehmungs- und Formulierungstraining. In: Medien in Forschung und Lehre. Strukturveränderungen in den Universitäten durch neue Informations- und Kommunikationsmöglichkeiten. Berlin: ZEAM 1985, S.219-235.

Korte, Helmut: Einführung in die Systematische Filmanalyse. 2. durchges. Aufl. Berlin: Erich Schmidt 2001.

Krützen, Michaela: Dramaturgie des Films. Wie Hollywood erzählt. Frankfurt a.M. 2004.

Krützen, Michaela: Dramaturgien des Films: Das etwas andere Hollywood S. Fischer 2010

Snyder, Blake: Save the Cat Michael Wiese Productions 2005

Murch, Walter: In a Blink of the Eye. Editing. Silman-James Press; 2. Edition 2020.

Robertson, Robert: Eisenstein on the Audiovisual: The Montage of Music, Image and Sound in Cinema (KINO - The Russian and Soviet Cinema), I.B. Tauris; Reprint edition 2011

Rüffert, Christine, Irmbert Schenk, Karl-Heinz Schmid: Zeitsprünge. Wie Filme Geschichte(n) erzählen. Berlin: Bertz 2004.

Stam, Robert: Film Theory. An Introduction. Oxford/UK, Malden/Mass. 2000. Tudor, Andrew: Film-Theorien. Frankfurt a.M. 1977.

Marland, John, Basics Film-Making 04: The Language of Film Bloomsbury Publishing Plc, 2010

Brown, Blain, Cinematography: Theory and Practice For Cinematographers and Directors Routledge; 4th edition (2021)

Leigh, Danny, The Movie Book: Big Ideas Simply Explained
DK; 1st edition (2015)

17. Links to additional documents

Specified with the respective semester compendium

Elective: German language

1. Responsible for module

Prof. Dr. Uta Seewald-Heeg

Lecturers/instructors: alternating lecturers

2. Module type

☐ compulsory module   ☒ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

1st semester, 2nd semester, 3rd semester

5. Frequency

☒ winter semester   ☒ summer semester

6. ECTS credits and grading

3 ECTS

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

German

8. Type of instruction / Type of course/ Workload

	Contact hrs	Independent study hrs[21]
Seminar-based, interactive teaching task-based exercises, group work etc.	2 hours per week per semester/ 23 hrs	53 hrs

9. Prerequisites for participation

No prerequisites are required for beginners. Following the entry level at the beginning of the semester, the course is divided into language level-groups (A1, A2, B1) according to the Common European Framework of Reference for Languages (CEFR).

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21 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

Outcomes and competences follow CEFR descriptors.

A1: Students can understand and use familiar, everyday expressions and very simple phrases aimed at fulfilling concrete needs. They can introduce themselves and others and ask each other personal questions, e.g. where they live, who they know, what they have - and can respond to such questions. Students can communicate in a simple way if the interlocutor speaks slowly and clearly and is willing to help.

A2: Students can understand sentences and frequently used expressions related to areas of most immediate relevance (e.g. personal and family information, shopping, work, local area). They can communicate in simple, routine situations involving a simple and direct exchange of information about familiar and common matters. They can describe their own personal background and education, immediate environment and things related to immediate needs.

B1: Students can understand the main points when clear standard language is used and when dealing with familiar matters from work, school, leisure, etc. They can deal with most situations encountered when travelling in the language area. Students can produce simple and coherent texts on familiar topics and areas of personal interest. They can describe experiences and events, dreams, hopes and ambitions and give brief reasons or explanations for plans and opinions.

11. Module is a prerequisite for

The module could also be used for other master's degree programs depending on the approval by the examination office or the respective examination and (degree) program regulations.

12. Module content

Speaking, reading, writing, listening for everyday and in university's contexts, e.g:

- introducing a person/German CV
- professions, hobbies, work, university, school
- daily routines, food, health
- transport, travelling and tourism
- politics, technology, customs typical to Germany/Germans

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

In accordance with the 2021 (degree) program-specific regulations for the master's degree in Architecture (DIA), attendance in at least 80% of the courses must be confirmed. Active participation in the course sessions.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

K - written exam (*Klausur*) without any aids - 90min.

15. Types of media used

Whiteboard,

Presentations,

In-class teaching material provided

Additional practice materials provided via Moodle

16. Recommended literature

Buscha, Anne / Szita, Szilvia: Begegnungen A1+, Deutsch als Fremdsprache, Integriertes Kurs- und Arbeitsbuch, Schubert Verlag

Buscha, Anne / Szita, Szilvia: Begegnungen A2+, Deutsch als Fremdsprache, Integriertes Kurs- und Arbeitsbuch, Schubert Verlag

Buscha, Anne / Szita, Szilvia: A Grammatik, Übungsgrammatik Deutsch als Fremdsprache, Sprachniveau A1.A2, Schubert Verlag

Buscha, Anne / Szita, Szilvia: Begegnungen B1+, Deutsch als Fremdsprache, Integriertes Kurs- und Arbeitsbuch, Schubert Verlag

Buscha, Anne / Szita, Szilvia: B Grammatik, Übungsgrammatik Deutsch als Fremdsprache, Sprachniveau B1.B2, Schubert Verlag

17. Links to additional documents

4 Master Thesis and Colloquium

1. Person responsible for the module

Prof. Ralf Niebergall

Lecturers/instructors: alternating full-time lecturers

2. Module type

☒ compulsory module   ☐ elective module

3. Campus

Dessau-Rosslau

4. Program semester module is offered

4th term

5. Frequency

☒ winter semester   ☒ summer semester

6. ECTS credits and grading

30 Credits / 25 ECTS Master Thesis plus 5 ECTS Master Colloquium

Grading is based on the German grading scale from 1 to 5. In the final grade, a relative grade must also be shown. This determination is regulated in the (degree) program-specific regulations of the examination and (degree) program regulations of the Master Architecture (DIA) Annex 1.

7. Language of instruction

English

8. Type of instruction / Type of course/ Workload

	Contact hrs	Independent study hrs[22]
Supervision by the Studio Master, individual consultation	8 hrs	742 hrs

9. Prerequisites for participation

All modules of the terms 1 to 2 or minimum 70 ECTS credits need to be successfully completed in accordance with the General Provisions of the valid Examination and (Degree) Program Regulations for Master's Degree Programs at Anhalt University of Applied Sciences and the (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021

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22 Including time spent for preparations and follow-up work for classes and examinations.

10. Learning outcomes and competences

After completing the module, students will have skills in generalist and exploratory treatment of a project of high complexity using knowledge of cultural, artistic, social, human, environmental, and technical sciences. They can apply the scientific, design, constructive-technical, theoretical-historical, urban planning, organizational and design methods acquired during their studies in a targeted manner for the processing of an architectural solution.

They are able to comprehensively analyze, critically reflect and evaluate the scientific implications of the project. They will be able to purposefully develop and systematize scientific principles for the design process and apply them methodically to the project. They are able to develop their own position towards a creative and innovative design.

They can communicate and defend their research findings and design decisions, as well as the final project, vividly and comprehensively using the adequate means of presentation.

11. Module is a prerequisite for

Entry into the profession as an architect

12. Module content

The master's thesis, as the final architectural design, is intended to summarize the competencies acquired throughout the degree program and demonstrate the student's qualification for a professional career in the field of architecture.

Within the framework of the master's thesis, students develop an architectural design on the basis on the basis of preliminary or accompanying research work.

The thesis is accompanied by regular meetings with the thesis supervisor where scientific findings and design solutions are discussed and evaluated.

The module concludes with the colloquium, in which students present, discuss and defend their thesis.

13. Examination prerequisites (*Prüfungsvorleistungen / PVL*)

Successful completion of all modules and certification of credits according to (degree) program-specific regulations for the master's degree in Architecture (DIA) of 2021.

Master Colloquium §32: At least two positive assessments of the master's thesis are available.

14. Prerequisites for crediting (type and duration of examination)

Passing the final examination according to examination regulation in the respective valid version:

Master's Thesis: H – term paper

Master Colloquium: P/C – presentation/colloquium