

Architectural Research and Methodology 1–4.

Course Coordinators: Levente Szabó, DLA (as Director of the Doctoral School), Zoltán Bun, PhD (as coordinator of the Research Methodology module), and the doctoral student's own advisor
Course Type: Required
Credit Value: 12
Class schedule: on Doctoral Wednesdays and as agreed with the supervisor
Assessment: midterm grade (1–5)
Assessors: Zoltán Bun, PhD, and the supervisor + the reviewer of the report
Course placement in the curriculum: Semesters 1–4

Course Description

This course consists of four interconnected modules in the training and research phase. Its aim is to conduct annual model research projects within the Doctoral School of Architecture that are specific, interrelated, or even on different topics, to provide methodological support for these projects, and to prepare students for the comprehensive exam in the 4th semester. For this reason, the course (comprising 6-6 credit units per semester) consists of individual research supervised by the thesis advisor and a course component supervised by the methodological coordinator, which supports the individual research and is supplemented with theoretical and methodological elements.

Description of the Research Methodology Course

The course has two objectives: first, to familiarize students with the fundamental issues, conceptual framework, and methods of architectural research; and second, to support individual research through both theoretical and practical means. A long-term goal is also to prepare students for the dissertation phase (the writing of the thesis).

The fall semester focuses on laying the groundwork for students' two-semester-long research project, which concludes in the spring, and on its methodological structure, with particular emphasis on developing a critical perspective and mastering critical genres—for first-year students through a jointly analyzed building and foreign-language literature, and for second-year students, through examples relevant to their own research. During the fall semester, in addition to completing two writing exercises, students must gradually, “snowball-style,” develop the frameworks necessary for architectural research (abstract, topic outline, research plan, bibliography).

In the spring semester, the theoretical and practical clarification of requirements regarding form, rhetoric, argumentation techniques, and illustrations takes place in parallel with the writing of the thesis, that is, the preparation of the research report. At the end of the semester, second-year students take the Comprehensive Exam, while first-year students prepare for their next sample research project.

Course Requirements

The goal of the fall semester is to complete preparatory work, specifically: on the one hand, to produce high-quality methodological writing exercises (building and text critiques of up to 5,000 characters each), and, on the other hand, the continuous development of the formal framework (abstract, topic outline, research plan, bibliography) necessary for individual research related in some way to the department's profile, the studio, or the supervisor's research. Based on these, a study suitable for publication must be prepared during the spring semester.

1 Submission of an individual work plan by the end of the second week of every fall semester (in the spring, submission is required only after a passive semester)

2 Submission of a paper on the individual research topic:

_ at the end of the fall semester: an abstract, topic outline, research plan, bibliography, and a 10,000-character draft of the paper (summary or one chapter).

3 at the end of the spring semester, a 30,000-character study that meets the formal requirements of the ÉDI syllabus, is illustrated, and is suitable for publication (peer-reviewed).

4 In addition to the above, during the 4th semester, students must prepare the first draft of the abstract, bibliography, and outline required for the Comprehensive Exam.

Evaluation Criteria

Requirements for earning 6 credits for the thesis component each semester:

_ fulfillment of the objectives set out in the initial individual work plan and subsequent research plan,

_ the intensity of the collaboration between the advisor and the student, and the smoothness of their cooperation,

_ consideration of how the research fits into the department's profile, studios, and the supervisor's research area, as well as the appropriate presentation of research progress in departmental workshops,

_ the effectiveness of the research, taking into account the external reviewer's end-of-semester evaluation.

Requirements for completing the 6-credit methodology course:

In the fall semesters, the two writing assignments must meet the genre requirements established and discussed

in advance, while, to lay the groundwork for the theoretical research in Architectural Research, students must, by the end of the semester, develop a sufficiently well-defined and critical research question or research plan. In the evaluation, writing exercises are weighted at 2 points each, progress in research content at 3 points, the fulfillment of the four formal requirements by the end of the semester at 4 points, and active participation in class at 1 point. By the end of the spring semester, students must write a well-defined, timely and critical study that presents a thesis supported by argumentation, follows the published syllabus in form, is illustrated, and is a complete work, in accordance with the schedule of the research plan. In the evaluation, research progress is weighted at 3 points, the substantive development of the paper at 3 points, the paper's formal compliance at 2 points, and active participation in class at 1 point. The final grade for the semester is always the average of the evaluations of the two equally weighted course components.

**Architectural Research and Methodology 1–4.
RESEARCH METHODOLOGY SECTION**

	FALL (1. and 3.)	SPRING (2. and 4.)
focus:	Preparing a research paper and developing a critical	Academic Writing
<i>1. week (full day)</i>	<i>Joint introduction and briefing</i>	<i>open conference</i>
2. week	Introduction. Architectural Research. Research Methodological Approaches	Formal requirements: Bibliography, references, syllabus
3. week	Outline + Abstract + Research Proposal and Research Report	<u>Independent Research:</u> Thesis Consultation I/1
4. week	Architectural Criticism. Preparation for Writing Exercise 1 (Building Criticism)	<u>Independent Research:</u> Thesis Consultation I/2
5. week	<u>Individual Research:</u> Abstract + Outline Consultation I/1	Rhetorical Requirements: Writing and Argumentation Methodology
6. week	<u>Individual Research:</u> Abstract + Outline Consultation I/2	<u>Independent Research:</u> Thesis Consultation II/1
7. week	Practical Exercise 1 – Evaluating Architectural Criticism	<u>Independent Research:</u> Thesis Consultation II/2
<i>8. week</i>	<i>BME-day/23rd Oct</i>	<i>spring break</i>
9. week	Literature review. Preparation for Writing Exercise 2 (book review).	Publication requirements: ethics, copyright, illustrations
10. week	<u>Independent Research:</u> Abstract + Outline + Research Plan Consultation II/1	<u>Independent Research:</u> Thesis Consultation III/1
11. week	<u>Independent Research:</u> Abstract + Outline + Research Plan Consultation II/2	<u>Independent Research:</u> Thesis Consultation III/2
12. week	Practical Exercise 2 – Evaluating a Review	Preparation for the Comprehensive Exam (or for the second year)
13. week	<u>Independent Research:</u> Abstract + Outline + Research Plan + Bibliography Consultation II/1.	Study Consultation IV/1
14. week	<u>Independent Research:</u> Abstract + Outline + Research Plan + Bibliography Consultation II/2.	Study Consultation IV/2
evaluation	<i>two-day thematic conference in January</i>	<i>two-day thematic conference in June</i>
grade	Abstract + Outline + Research Plan + Bibliography and two short essays	Study with illustrations

Architectural Research (Dissertation Writing) 1–4.

Course Coordinator: Supervisor
Course type: required
Credit value: 16 or 17
Class time: as agreed with the thesis advisor
Grading: midterm grade (1–5)
Graders: thesis advisor and the invited reviewer(s) at the presentation
conference Course placement in the curriculum: 5th–8th semester

Course Description

Four courses in the research and dissertation phase, designed to facilitate the writing of the dissertation.

Requirements for completion

Active consultation with the thesis advisor, continuous updating of the work plan submitted during the comprehensive exam, and corresponding progress, as well as a progress report presentation at the end-of-semester conferences.

Assessment criteria

_the degree of progress relative to the time allotted
_fulfillment of the objectives of the individual work plan presented at the comprehensive exam and continuously updated

Doctoral Workshop 1–8

Course Instructor: Levente Szabó, DLA
Course Type: Required
Credit Hours: 4
Class Hours: 2
Grading: Pass/Fail
Grading Instructor: Course Instructor
Course Placement in the Curriculum: Semesters 1–8

Course Description

This course integrates opportunities throughout the entire program that foster community discourse within the doctoral school. It does not involve the creation of new, independent creative or research work; rather, it recognizes only community work whose results inspire and foster the development of the doctoral school community and, by extension, individual research and creative activities.

Requirements for completion

Participation in various community projects as agreed upon at the beginning of each semester (e.g., organizing lectures featuring domestic and international speakers, roundtable discussions, conferences, domestic and international study trips, publication editing, etc.).

Evaluation Criteria

_High-quality completion of the assigned task

Note: In semesters 4–8, the course may be completed remotely, on a case-by-case basis, and based on tasks approved by the DIT, exclusively upon submission of a specific request accepted by the DIT (e.g., in the case of a research fellowship abroad, etc.)!

Thematic Courses 1–4

The first four semesters consist of four distinct, perspective-broadening courses that are independent of individual research but can also be organized in conjunction with it. In addition to the four courses listed below, other courses may be included and announced for a given semester based on a decision by the Doctoral School Council.

Environmental Psychology

Course Instructor: Andrea Dúll, DSc, PhD
Course Type: Required
Credit Hours: 4
Class Hours: 2
Grading: Midterm grade (1–5)
Grader: Course Instructor
Course placement in the curriculum: any of semesters 1–4
Relationship to other courses: -

Brief course description:

The Environmental Psychology course provides an overview of classical and modern approaches, methods, and practically applicable research findings in the psychology of built, natural, and virtual environments,

with a focus on shaping perspectives. Core theoretical and applied topics: environmental perception, spatial orientation, affective spatial mechanisms, and social relationships in space.

Course Requirements

Assignment: A detailed analysis of a built or natural environment or its elements—such as a building, park, room, street, work of art, everyday object, etc.—or a phenomenon, from the perspective(s) of environmental psychology, in the form of an analytical essay: a professional discussion of the problem to be analyzed, following an introduction to the relevant environmental psychology literature, in a minimum of 8,000 and a maximum of 12,000 characters. Documentation of the location/object/phenomenon (photos, floor plans, etc.) must be attached.

Adequate integration of the relevant literature and correct citations are mandatory requirements.

Assessment criteria

- selection of a topic in environmental psychology
- a nuanced theoretical understanding and perspective on environmental psychology
- an adequate analysis of the chosen environmental context
- groundedness in the literature
- appropriate citations from the literature

Bibliography

The core readings are selected in accordance with the semester's syllabus, for the first class.

Culture and Architecture

Course Instructor: Zsolt Vasáros, DLA

Course Type: Required

Credit Hours: 4

Class Hours: 2

Grading: Midterm grade (1–5)

Grader: Course Instructor

Course placement in the curriculum: any of semesters 1–4

Relationship to other courses: -

Course Description

The aim of this course is to explore the place and role of architecture in culture, to broaden students' range of interests, to help them grasp the broader contexts of cultural phenomena, and to develop a way of thinking that takes a broader perspective. Accordingly, the course's themes vary, but the fundamental focus is always on the cultural aspects of architecture.

Course Requirements

Presentation of an individual line of thought related to the given theme, utilizing at least two of the listed genres simultaneously in a way that interprets and supports one another.

Assessment Criteria

Classes are seminar-style and based on dialogue. Short introductory presentations on the given topics will be delivered, each attempting to capture a different aspect of the topic at hand.

Reading List

Due to the constantly changing topics, it is not possible to provide a permanent reading list; instead, a reading list related to the specific topic will be provided each semester.

Architecture and Communication

Instructor: Krisztina Somogyi, PhD

Course type: Required

Credit hours: 4

Class hours: 2

Grading: Midterm grade (1–5)

Evaluator: Course Instructor
Course placement in the curriculum: Any of semesters 1–4
Relationship to other courses: -

Course Description

The course "Architecture and Communication" explores the general concepts and approaches of communication, followed by the specific characteristics of visual communication. The course has a dual purpose and methodology: through theoretical knowledge and personal experience, as well as individual and group exercises, it aims to foster an approach in which students think of architecture as a communicative process rather than adopting a creative attitude focused on mere expression. The course addresses semiosis through theoretical texts, visual elements (photos, paintings, diagrams, pictograms, flowcharts), and group analyses of images brought in by students on assigned topics; it aims to make the difference between the communicator's intent and the recipient's understanding a personal experience. It provides a nuanced examination of the connections between visual language and meaning, the relationship between verbal and visual elements, and the process of interpretation.

Course Requirements

Class participation, which involves reading the assigned texts, submitting images related to the topics, and applying communication principles during participation in any group projects. At the end of the semester, one of the class assignments must be expanded into a short analytical essay (max. 6,000 characters).

Assessment Criteria

The course focuses primarily on communication skills and the development of personal, creative, yet clear strategies for written and visual communication; therefore, assessment emphasizes ongoing participation and continuous performance throughout the semester.

Bibliography

Barthes, R., (1980) Camera Lucida.
McLuhan, M., (1962) The Gutenberg Galaxy.
Sontag, S., (1973) On Photography.

Modern Hungarian Architecture

Course Instructor: Zorán Vukoszávlyev, PhD
Course Type: Required
Credit Hours: 4
Class Hours: 2
Grading: Midterm grade (1–5)
Grader: Course Instructor
Course placement in the curriculum: any of semesters 1–4
Relationship to other courses: -

Course Description

In addition to presenting modern Hungarian architecture, this course examines its critical evaluation, reinterprets its principles, and explores the methodologies of its leading architects. The course structure is twofold: it provides orientation within the classification of architectural history categories while simultaneously offering the opportunity to define values through personal perspective. This methodology is realized through both instruction and application within the structured progression of the course. It supports the development of a comprehensive perspective and assists in the practical mastery of critical evaluation. This is manifested in the cooperative study and individual critical analysis of topics related to the current research focus of the program.

Requirements for completion

Through active participation in cooperative lectures, systematic analysis of topics according to established and accepted categories of architectural history, with a focus determined by the course instructor (architectural period, stylistic trends, creative attitudes, architectural approaches, architectural concepts). Seminar-style sessions require individual preparation and are accompanied by focused individual work on a comprehensive topic related to the course theme.

Assessment Criteria

Thorough personal preparation, active participation in seminars, interpretive and evaluative engagement, and the consistent application of a critical attitude.

Bibliography

Stiller, Adolf (ed.): *Ungarn – Bauten der Aufbruchszeit 1945-60 Hungary – Architecture in the Era of Awakening*. Mury Salzmann Verlag, Salzburg–Wien 2014.

Stiller, Adolf (ed.): *Ungarn II – Ungarn II. Architektur der langen 1960er Jahre. Hungary – Architecture of the long 1960s*. Mury Salzmann Verlag, Salzburg–Wien 2017.

Publications 1–8

Course Coordinator: Zsolt Vasáros, DLA, and the student's own advisor

Course Type: Required

Credit Value: 3

Grading: Midterm grade (1–5)

Grader: Course Coordinator

Course placement in the curriculum: Semesters 1–8

Relationship to other courses: Architectural Research and Methodology 1–4, Architectural Research (Dissertation Writing) 1–4

Course Description

This publication is an activity recognized with credits for results generated during architectural research, and thus serves as an “indicator” of ARCHITECTURAL RESEARCH.

Requirements for completion

The credit values associated with this achievement are listed in the appendix “ÉDI_K02 Scoring of Publication and Portfolio Progress.”

Evaluation criteria

Inclusion in the MTMT database

Portfolio Progress 1–4

Course Instructor: Márton Nagy, DLA

Course Type: Required

Credit Hours: 6

Grading: Pass/Fail

Grading Instructor: Course Instructor

Semester: 2nd, 4th, 6th, 8th

Course Description

The Doctoral School of Architecture centers its curriculum on architecture as a responsible, complex, and reflective process of thinking and creation. Since thinking and a reflective attitude are inconceivable without regular individual or group creative work, and since the portfolio and exhibition showcasing the creative work—particularly the master's thesis—serve as a foundation for the doctoral defense on par with the dissertation, monitoring and ensuring the quality of the doctoral student's progress in this regard is a key component of the program.

In this course, we will identify and recognize the “indicators” of CREATIVE WORK IN ARCHITECTURE.

To ensure visibility, students are required to present their creative work in four exhibitions over the course of the four-year program. The exhibition, organized by ÉDI, takes place at the university or at an off-campus venue as the closing event of the spring semester each year. The date of the exhibition is announced in the schedule for the spring semester of each academic year.

Only architectural and construction-related work that can be included in the portfolio to be submitted as part of the doctoral process, as well as in the exhibition held as part of the doctoral defense, will be accepted. The primary objective of the course is to support and monitor the continuous expansion of the exhibition and portfolio showcasing the student's creative work, which must be submitted as a prerequisite for successful completion of the doctoral program. The course requirements and grading system are designed to serve this dual purpose.

Requirements for completion

The credit values associated with performance are listed in the appendix "ÉDI_K02 Grading of Progress in Publication and Portfolio."

The requirement for completion is the creation of one printed A1-sized display board based on a pre-released template and its presentation at the exhibition; this display board must include a descriptive text of approximately 2,000 characters per work. The size and format of the display board will be announced in the work schedule for the spring semester of each academic year.

Assessment Criteria

Documentation, presentation, and public display of high-quality architectural creative work at an exhibition organized by ÉDI.

The creative work documented and presented at the exhibition, as well as the fulfillment of credits, is jointly evaluated by the head of the doctoral school, the course coordinator, and the thesis advisor; the course coordinator decides on the awarding of credits.

Portfolio Progress Grading

The minimum requirements for portfolio progress are consistent throughout the four years of the program. During both the training and research phase and the dissertation phase, students must earn a total of 6 credits annually in at least three of the following four categories. As a general rule, credits are not divided based on the number of authors.

1. Design of high architectural quality – architectural/interior design sketch, permit application, construction drawings (double credit value may be awarded if the student is a co-author contributing at least one-third of the work) – 2 credits
2. Design competition – national/international open design competition, invited design competition – 2 credits (only entries prepared with a minimum 1/3 co-authorship share are eligible; double credit value applies for award-winning design competitions, and triple credit value applies for internationally award-winning design competitions)
3. Completed work – a building, interior design project, piece of furniture, or object that has been handed over and put into use – 2 credits
(In the case of a reviewed – i.e., not self-praised in writing by the author – or award-winning completed work, double credit value is counted)
4. Exhibition – participation in a solo or group exhibition (exhibitions organized as part of the ÉDI “Portfolio Progress” course or other university or departmental exhibitions cannot be considered) – 2 credits

To be eligible for the comprehensive exam, students must earn 12 credits in the course.

The credit values listed above are not automatically awarded based on performance in the categories described; they are granted based on an individual assessment of architectural quality.

Guided instruction, grades 1–8

Course Coordinator: Department Chair
Course Type: Required
Credit Hours: 4-3
Class Time: To be a. with the Dept. Chair or as per the schedule
Grading: Signature
Grading Officer: Department Chair
Course Placement in the Curriculum: Semesters 1–8

Course Description

Supervised instruction plays a key role in the curriculum of the Doctoral School of Architecture. The collaborative nature of architecture requires a broad capacity for cooperation, one aspect of which is participation as an instructor in undergraduate education. Through this, students not only apply what they have learned in practice but also prepare future educators for their profession by developing their competencies.

Based on the decision of the department chair, the student may participate in any educational activity; however, it is advisable to focus primarily on high-credit-hour consultations (group planning consultations) in the early years, while in later semesters, to contribute to other tasks more specifically related to the individual research topic (individual consultations, guest lectures, TDK consultations, etc.).

Requirements for completion

Participation in educational activities is a prerequisite for completing the course.

Assessment criteria:

The head of the department evaluates the supervised teaching, and credits earned through teaching are recognized upon his or her approval. The prerequisite for completion is responsible, independent, and continuous work during both the regular semester and the exam period.

Budapest, 28 August 2024.

Levente Szabó DLA
Head of the Doctoral School of Architecture