

Bachelor project in architecture and interior design
Approved by the Rector's Council N° 02/21 of January 22, 2021

Bachelor Project in Architecture and Interior Design

Teaching Level: Bachelor

6ECTS

Prerequisites:

A student who has accumulated 204 ECTS in the mandatory, optional and/or free subjects of the program will be admitted to the bachelor's project, the condition is practice in architecture and interior design.

Bachelor project description:

A bachelor's project in architecture is a work done by a student individually or in a group (of two or three students), which consists of theoretical (research and its results) and graphic (architectural project) parts.

The aim of the bachelor project:

The purpose of completing and defending the bachelor's project is to form the student's ability to independently conduct research in the selected field, to present the achieved results and his reasoning publicly in an argumentative manner.

/Conducting research in the area to be designed, drawing up a task, forming a concept, creating an innovative spatial project with planning and its graphic and textual decoration, final presentation and protection/.

Format of work on the project: weekly meetings with the project manager

Methods used: explanation of a project task, search and analysis of relevant material, survey of the research area, conducting research, interactive, working on sketches, execution of clauses, discussion and evaluation, discussion, approval of sketches, execution of creative project, presentation and self-evaluation.

In the process of working on the bachelor's project, the discussion method is used, which will develop the student's ability to argue and justify his opinion. To implement the mentioned component, problem-based learning (PBL) and heuristic methods will be used while working on the project, which is based on the step-by-step solution of the task set before the students. The method of brain storming is widely used, which serves to facilitate the formation and expression of as many, preferably radically different, opinions and ideas about a specific issue/problem within a specific topic.

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The undergraduate project consists of theoretical (research) and graphic (architectural project) parts. The volume of the theoretical part of the undergraduate project is at least 15 pages, at most 25 pages.

The theoretical part (research) of the bachelor's project should include:

- Introduction (general description, novelty, relevance, goals, research methods);
- The main research questions and the expected structure of the work;
- Bibliography (review of primary sources, scientific and other literature).

The graphic part of the bachelor's project represents an architectural project created on the basis of research. Its visuals are presented in the general plan of the territory, Facades, cuts, plans, interior sections, development, volumetric solution of the building, photomontage, etc. together.

The bachelor project is completed in three stages:

Concept presentation;
Preliminary application;
Project protection.

The maximum assessment of the bachelor's project is 100 points. Bachelor's project performance is evaluated both in terms of individually performed tasks and group tasks. In case of group evaluation, all participants are evaluated equally.

Evaluation system

- Concept presentation - 25%
- Preliminary application - 35%
- Project protection - 40%

Concept:

- Main idea of the project, goal, research questions and tasks, distribution of the project into stages, estimated results of the project, general overview of the special literature surrounding the studied issue (short comment).

Preliminary application:

A part of the project already developed by the student.

Final protection:

When defending the bachelor's project, the student must present:

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- A printed album bound with A3 format sheets, which includes the theoretical (research) and graphic (architectural project) parts of the project;
- Binding album with A3 format sheets recorded on CD disk;
- Graphic, demonstration material of the undergraduate project;

The graphic, demonstration material of the bachelor's project (made by hand or in computer graphics) should be made or printed on A1 format sheets or tablets (the quantity depends on the volume of the project):

Composition of the project (album)

1. Title page
 - High school;
 - Title of the project
 - Name and surname of the student;
 - Name and surname of the project manager;
 - Year of project execution
2. Table of contents (list of pages)
3. Introduction (general description, novelty, relevance, goals, methods of research and project implementation);
 - 3.1. Main research questions and the structure of the paper;
4. Pre-project research for the development of the planning task
 - Physical environment research;
 - Orthophoto image of the project area in its current state;
 - Topogeodetic map of the project area;
 - Photographs of the current situation;
 - General climatic data of the project area;
 - Data of existing natural values of the project area;
 - Ecological data in the project area;
5. Expediency of project object planning, main goals and objectives in the given area.
6. Project assignment
7. Explanatory card
8. Conclusions
9. Bibliography (review of primary sources, scientific and other literature).
10. Appendix (graphs, tables, pictures, etc.)
11. The graphic part of the bachelor's project
Sketch architectural project:

- Drawings: - plans, cuts, facades, details, nodes (m. 1:100, 1:50, 1:25);

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- Situational and general plans (m 1:500; 1:1000)
- Small architectural forms (as needed);
- Sketchy dendrological project (as needed);
- Latest photographs depicting the current situation;
- Renderings and photomontage;
- Interiorrendering

Bachelor project in architecture and interior design evaluation system:

Presentation of the concept - 25 points

Evaluation components:

The main idea of the project, goal, research questions and tasks, division of the project into stages, estimated results of the project, general review of the special literature surrounding the studied issue (short comment) - 25 points.

Evaluation criteria:

- ✓ The concept is presented clearly and completely - 100% -25 points
- ✓ The concept is presented with small, minor flaws - 75% - 18.75
- ✓ The concept is presented fragmentarily, with gaps - 50% - 12.5
- ✓ The concept is presented fragmentarily, with significant gaps - 25% - 6.25
- ✓ The concept is not presented or is presented with significant gaps - 0%

Preliminary application - 35 points

Evaluation components for the part of the project already completed by the student:

- ✓ Completeness of data - 9 points
- ✓ Functional-technological and planning feasibility of the practical task - 10 points
- ✓ Composite distribution - 8 points
- ✓ Performance - 8 points

Evaluation criteria:

Completeness of data - 9 points

- ✓ In terms of composition, the content of the practical assignment is completely complete - 100% (9 points);
- ✓ The content in the practical assignment is practically complete in terms of composition - 75% (6.75 points); the content in the practical assignment is incomplete in terms of composition. Essential errors in relation to the situation were made - 50% (4.5 points);
- ✓ The content of the practical task is vague in terms of composition. one or two mandatory fragments are presented - 25% (2.25 points);
- ✓ The composition of the practical task does not correspond to the situation - 0%.

Functional-technological and planning feasibility of the practical task - 10 points

- ✓ In terms of functional-technological and planning solution, the practical task is complete and performed at a high level - 100% (10 points);
- ✓ In terms of functional-technological and planning solution, the practical task is complete, but the professional quality of its presentation needs improvement -75% (7.5 points);
- ✓ In terms of functional-technological and planning solution, the practical task is incomplete. There are gaps in function and form and technological process is immature -50% (5 points);
- ✓ In terms of functional-technological and planning solution, the practical task is lacking. There is no conformity of function and form - 25% (2.5 points);

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- ✓ The student was unable to ensure the functional-technological and planning feasibility of the practical task -0%

Composite distribution - 8 points:

- ✓ The compositional distribution of the composition in the practical task is perfect and presented at a high level - 100% (8 points);
- ✓ In the practical assignment, the compositional distribution of the composition is practically correct, but not perfect - 75% (6 points);
- ✓ In the practical assignment, essential mistakes were made in the compositional distribution of the composition - 50% (4 points); the compositional composition distribution is incomplete and fragmented in the practical assignment - 25% (2 points);
- ✓ The composition of the composition in the practical assignment is not distributed – 0%
- ✓ Performance - 8 points:
- ✓ From the point of view of graphic performance and artistic-aesthetic, the practical task is fully processed, independently prepared and performed at a high level - 100% (8 points);
- ✓ The practical task is practically completely processed, it is prepared independently, but the performance technique, the professional quality of its presentation needs improvement -75% (6 points);
- ✓ In terms of graphic performance and artistic-aesthetic solution, the practical task is lacking. Performance technique and visual side are partially satisfactory - 50% (4 points);
- ✓ From the point of view of graphic performance and artistic-aesthetic solution, the practical task is unfinished and highly deficient, essential mistakes are made in the processing of fragments and performance techniques. The visual side is less satisfactory - 25%. (2 points);
- ✓ In terms of graphic performance and artistic-aesthetic solution, the practical task is unfulfilled - 0%.

Defense of bachelor project - 40 points

Components

- ✓ Compliance with the terms of the project task in terms of the composition of the project - 7 points
- ✓ Artistic-aesthetic and professional quality of the project - 7 points
- ✓ Functional-technological and planning feasibility of the project - 8 points
- ✓ The structure of the theoretical part (research) of the bachelor project - 8 points
- ✓ Presentation - 10 points

Evaluation criteria:

Compliance with the terms of the project assignment in terms of the composition of the project - 7 points:

- ✓ The terms of the project assignment are complete in terms of the composition of the project, the scale is preserved, the compositional distribution is good, it is presented at a high level 100% (7 points);
- ✓ The terms of the project assignment are complete in terms of the composition of the project. The scale is preserved, but there are shortcomings of 75% in terms of the compositional distribution (5.25 points);
- ✓ The terms of the project assignment are practically complete in terms of the composition of the project. The scale is preserved, some fragments of the project are presented with gaps - 50% (3.5 points);
- ✓ The terms of the project assignment are lacking in terms of the composition of the project. Only individual fragments of the project are outlined. The scale is broken - 25% (1.75 points);
- ✓ The student could not meet the conditions of the project assignment in terms of the composition of the project - 0%.

Artistic-aesthetic and professional quality of the project - 7 points:

- ✓ From an artistic-aesthetic point of view, the project is complete and executed at a high level - 100% (7 points);

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- ✓ There are flaws in the project from an artistic-aesthetic point of view. However, the texture, colors and entourage of the materials are practically taken into account - 75% (5.25 points);
- ✓ From the artistic-aesthetic point of view, the project is incomplete. The texture, colors, entourage of the materials are partially taken into account -50% (3.5 points);
- ✓ From the artistic-aesthetic point of view, the project is lacking. Texture, colors, entourage of the materials are not taken into account - 25% (1.75 points);
- ✓ The artistic-aesthetic and professional performance of the project is zero - 0%.

Functional-technological and planning advisability of the project - 8 points:

- ✓ In terms of functional-technological and planning solution, the project is complete and executed at a high level - 100% (8 points);
- ✓ In terms of functional-technological and planning solution, the project is partially complete. The conformity of function and form is preserved, but the technological process is less understood - 75% (6 points);
- ✓ In terms of functional-technological and planning solution, the project is incomplete. There are gaps in the conformity of function and form and the technological process is poorly understood - 50% (4 points);
- ✓ In terms of functional-technological and planning solution, the project is lacking. There is no conformity of function and form - 25% (2 points);
- ✓ The student could not ensure the functional-technological and planning advisability of the project - 0%.

The structure of the theoretical part (research) of the bachelor project - 8 points:

- ✓ The structure of the research part is fully consistent with the task, the text is well organized, the sections follow each other in a consistent and logical manner, the introduction, the main part and the conclusion are as clear as possible - 100% (8 points);
- ✓ The structure of the research part corresponds to the task, the text is organized, the sections as a whole follow each other in a consistent and logical manner, the introduction, the main part and the conclusion are more or less clear - 75% (6 points);
- ✓ The structure of the research part partially corresponds to the task, the text is less organized, the logic of the text is broken in the paper, the introduction, the main part and the conclusion are blurred - 50% (4 points);
- ✓ The structure of the research part only partially corresponds to the task, the text is disorganized, the logic of the text is broken, the introduction, the main part and the conclusion are not outlined - 25% - (2 points);
- ✓ The structure of the research part does not correspond to the task, the text is disorganized, the logic of the text is broken, the introduction, the main part and the conclusion are not outlined - 0%

Project presentation (oral) – 10 points:

- ✓ Reasoning is sound and convincing. Information is presented exhaustingly, through demonstrating knowledge of the issue - 100% (10 points);
- ✓ Reasoning is practically complete, but less convincing. There are some errors in the use of professional terminology - 75% (7.5 points);
- ✓ The presentation is unsatisfactory. The reasoning is incomplete and less convincing. There are errors in the use of professional terminology - 50% (5 points);
- ✓ Reasoning is flawed and fragmented. It cannot reflect the content of the presented project - 25% (2.5 points);

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- ✓ The student was unable to present and defend the project. Reasoning is not relevant to the issue - 0.

Bachelor project in architecture and interior design, theoretical part

It must be done in accordance with the instructions on formatting a university paper in accordance with the requirements of APA style.

The bachelor project in architecture and interior design is completed in accordance with the present instruction; Bachelor project in architecture and interior design, issues in the implementation process, which are not regulated by these instructions, but are regulated in accordance with the regulation of bachelor education.

Bachelor project in architecture and interior design, the protection and forwarding/postponement of each stage in the process of project execution by the manager of qualification papers, council members and the student are carried out in accordance with the deadlines established by the technical formalization and evaluation of the qualification paper.

Bachelor project in architecture and interior Design, evaluation forms of concept, pre-application and project defense:

Evaluation form of the concept of bachelor project



.....Academic year.....semester
(relevant academic year) (relevant semester)

Evaluation of the concept of bachelor project

School:

Bachelor's name and surname:

Name of bachelor project:

Component	Maximum grade	Received grade
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The main idea of the project, goal, research questions and tasks, division of the project into stages, estimated results of the project, general overview of the special literature surrounding the issue under study Review (short comment)	25 points	
Final grade	25	

Chairman

Head

Expert

Date:

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Evaluation form of pre-application of bachelor project



.....Academic year.....semester
(relevant academic year) (relevant semester)

Evaluation of pre-application of bachelor project

School:

Bachelor's name and surname

Name of bachelor project:

Component	Maximum grade	Received grade
completeness of the given	9 points	
functional-technological and planning expediency of practical task	10 points	
compositional distribution	8 points	
performance	8 points	
Final point	35	

Chairman

Head

Expert

Date:

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Evaluation form of pre-application of bachelor project



..... Academic year semester
(relevant academic year) (relevant semester)

Evaluation of pre-application of bachelor project

School:

Bachelor's name and surname

Name of bachelor project:

Component	Maximum grade	Received grade
compliance with the terms of the project assignment in terms of the composition of the project	7 points	
artistic-aesthetic and professional degree of the project	7 points	
functional-technological and planning expediency of the project	8 points	
structure of the theoretical part of the bachelor project	8 points	
presentation	10 points	
final grade	40	

Chairman

Head

Expert

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