

Faculty of Architecture**Department:** Architecture and Urbanism**Professional area:** Architecture, Civil Engineering and Geodesy**Major:** Architecture**Educational-and-qualification Degree:** Master**COURSE DESCRIPTION**

1. **Course unit title:** Scale Modeling
2. **Course unit code:** ARC 2039
3. **Type of course unit:** compulsory
4. **Level of course unit:** Master
5. **Year of study:** second
6. **Semester when the course unit is delivered:** third
7. **Number of ECTS credits allocated:** 4,5
8. **Name of lecturer:** Assoc. Prof. Nikolay Ninov
9. **Learning outcomes of the course unit:** The course aims at acquainting and working with the materials suitable for making models, their specificity, and technology of processing, such as: cutting, gluing, adding and taking out and the different textures. The study programme is made on the principle of giving gradually more difficult tasks. The aim is to master professional skills for using the scale modeling in the process of making the architectural design not only in its finished phase but also in the different stages from the process of shape formation.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** It is not necessary for the students to have special knowledge for the subject Scale Modeling. During the academic hours they acquire all knowledge and skills compulsory for the future architects.
12. **Course contents:** The subject Scale Modeling is a necessary compulsory element from the process of architectural design. The architectural model is the final part of the design which displays the project in its finished state. The architectural model features the structural, plastic, color and graphic parameters of the object.
13. **Recommended or required reading:**
 - All issues connected with the modern shape formation and scale modeling.
14. **Planned learning activities and teaching methods:** the architectural scale modeling is art and the models are a combination of intellectual and hand occupation with the use of different methods, technologies and know-how.
15. **Assessment methods and criteria:** The final result is graded. The architectural model has to be worked out precisely, with great care to the detail. It is a spatial reduced or enlarged scale model of a building or a complex of buildings. The advantages of the architectural models to the computer visualizations are indisputable: the scale model allows for the building to be perceived from all sides in details and mistakes and drawbacks of the architecture can be avoided. It must be noted that it is hard for some people to imagine the building only by its two-dimensional design and for that reason the scale models present the idea of the architect in the best way. What is graded is that.
16. **Language of instruction:** Bulgarian
17. **Work placement(s):** none