



# Course Syllabus

**1. Course Title:**

Scientific Research Design of Urban Environment

**2. Academic Level:**

Master

**3. ECTS Credits:**

3 ECTS

**4. Semester:**

3, Autumn semester

**5. School/Department:**

Academy of Architecture and Fine Arts

**6. Location:**

75/78, Maxim Gorky Street, Rostov-on-Don

**7. Instructor:**

Professor Julia Gorgorova email: ygorgorova@sfedu.ru

**8. Language of Instruction:**

English

**9. Course Description:**

During the course, students gain theoretical knowledge in the field of architectural design, as well as research skills in specific practical situations. The study of the discipline involves both classroom and independent work of the student

**10. Course Aims:**

The course aims to help students develop a system of knowledge and practical skills for creating and researching architectural project concepts that align with the standards of a humane, safe, and environmentally friendly living environment. The student develops models of their object, establishes the theoretical and conceptual foundation of the thesis and project.

**11. Specific entry requirements (if any):**

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**12. Course Content:**

Module 1. Research part of the project  
Module 2. Architectural concept of the object design  
Module 3. Formation of the theoretical basis work  
Module 4. Architectural planning solution of the design object

**13. Intended Learning Outcomes:**

Students are expected to conduct a graphoanalysis and perform a practical task or complete a project

**14. Learning and Teaching Methods:**

lecture, seminar

**15. Methods of Assessment/Final assessment information:**

Pass/fail examination + course project

**16. Reading List:**

1. Urban Environment and Infrastructure: Toward Livable Cities. 2004  
<https://openknowledge.worldbank.org/handle/10986/15018>