



# Course Syllabus

**1. Course Title:**

Ecology of the City

**2. Academic Level:**

Master

**3. ECTS Credits:**

5 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:**

The progressive development of humanity cannot be stopped or reversed, just as the evolutionary processes are irreversible. In this regard, we can say that urbanization is the future of all mankind, since the share of the urban population on the planet is steadily growing. In a certain sense, urbanized landscapes are model territories, on the example of which specialists are given a chance to solve a number of issues of global and regional ecology.

**10. Course Aims:**

Students learn the general principles of function geosystem and the implementation of all human activities and peculiarities of ecology in the city, either related to the direct use of nature and its resources or to its modifying influences.

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

none

**12. Course Content:**

Module 1. Urbanization  
Module 2. Rational use and protection of nature

**13. Intended Learning Outcomes:**

Students will demonstrate note-taking skills and analyse the existing literature on the subject, applying critical and theoretical approaches

**14. Learning and Teaching Methods:**

lecture, seminar

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

Pass/fail examination

**16. Reading List:**

1. Eco2 Cities : Ecological Cities as Economic Cities  
<https://openknowledge.worldbank.org/handle/10986/2453>
2. Stephane, Hallegatte; Jun, Rentschler; Julie, Rozenberg [Adaptation Principles : A Guide for Designing Strategies for Climate Change Adaptation and Resilience](#) . World Bank, 2020.