

## **Course Name**

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Specialization Complementary Course

## **Rising-up? - Research Studies in Architectural Concentration**

## **Neptun Code**

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BMEEPKOQ712

## **Course Objectives & Outcomes**

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One of the major problem of mankind is the rapidly growing population.

More people need more space - it gives more jobs for architects - watching from on point of view.

To sustain more people needs also more space for production. The space for production, traffic, living surface is horizontal in most case.

But what if we don't have any more space to cover, to build on? Nature requires definite space to be able to renew, to recover. We are very close to this limit, more land cannot be hijacked of the nature.

Some cities consider the solution in the concentration of buildings saving land for greens.

Scope of our design course gives you the opportunity to explore the problem of space management in a broad based manner and scale.

In the theoretic course we will analyse the results of concentration of the built environment of different points of view.

Parallel with the theoretic research work will start the prudent, and detailed assessment of the design area.

The exploration works will start in team then and in individual essay and study drawings.

During the semester will be held 2 midterm presentations where invited architects of famous international offices help to evaluate studies and design work of you. The coherence between theoretic studies and final design is one of the appreciated task.

Candidates in the semester are expected to attend classes on a regular basis, and submit the required tasks before deadlines. (4 credits)

Final evaluation is based on the quality of studies and essay, not forgotten the works during the semester including the midterm presentations.

## **Course Outline**

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1	08. Sept.	Briefing, introduction
2	15. Sept.	Plan of studies
3	22. Sept.	Benchmarking
4	29. Sept.	Lecture, consultation of study
5	06. Oct.	Midterm presentation of studies
6	13. Oct.	Studies of fuctions

7	20. Oct.	Studio Week - no class
8	27. Oct.	Individual benchmarking
9	03. Nov.	Space management
10	10. Nov.	Critics
11	17. Nov.	Day off
12	24. Nov.	Presentation of critics
13.	01. Dec.	Study of graphics
	08. Dec.	Finishing Week

***Suggested literature:***

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Matthew Mindrup: The material Imagination  
 Nick Dunn: Architectural Modelmaking  
 Nikolaus Pevsner: History of Building Types,  
 Francis D.K. Ching: Architecture,  
 Neufert: Architects' Data Book,  
 Charles Jencks: The New Paradigm in Architecture  
 Robert Venturi: Complexity and Contradiction in Architecture,  
 Francis D.K. Ching and others: A Global History of Architecture