

## 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:** Pre-diploma Project 1 - Industrial and Transport Buildings
2. **Course unit code:** ARC 2048
3. **Type of course unit:** compulsory
4. **Level of course unit:** Master
5. **Year of study:** fifth
6. **Semester when the course unit is delivered:** ninth
7. **Number of ECTS credits allocated:** 15
8. **Name of lecturer:** Prof. Arch. Liuben Sivrev, PhD
9. **Learning outcomes of the course unit:** The lecture course aims at developing students' skills in analyzing organizational, social, economic and ecological criteria when designing industrial (transport) territories; skills in the technological and functional principles when designing separate structures; creative abilities for in spatial and aesthetic designing of industrial (transport) complexes.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** There is a need of basic knowledge in industrial and transport buildings and complexes.
12. **Course contents:** Urban design and regimes in the territories of work (regions, sub regions, neighborhoods and regulated landed properties for mini-production, life and business; principles when structuring general plans into self-contained, production (transport) properties and complexes. Analysis of Bulgarian and international examples; independent, engineering and transport infrastructure.
13. **Recommended or required reading:**
  - Сиврев Л. Я. – Комплексно обществено обслужване на промишлените предприятия и територии. Базисни, площни и териториални показатели. КНИПИТУГА, София, 1985г.
  - Сиврев Л. Я. – Флексибилни и енергоикономични санитарно-хигиенни звена към промишлените предприятия. УАСГ, София, 1992г. Актуализация – 2006 и 2009г.
  - Сиврев Л. Я. Др - Кухнята в промишлените предприятия и територии, УАСГ, София, 1998г. Актуализация-2008 и 2009г.
  - Сиврев Л.Я. - Българската промишлена архитектура, видяна през 1980/81г. Учебник за студенти от пети и 2/3 курс и др. ВСУ „Черноризец Храбър”, Варна, 2011г.
  - Сиврев Л. Я. - . Индустиални и транспортни сгради и комплекси-Модул1 (Производствени и транспортни структури и обслужващи звена). Учебник . Варна, ВСУ „Черноризец Храбър”, 2012г.
  - Сиврев Л. Я. - Индустиални и транспортни сгради и комплекси-Модул2 (Производствени територии и инфраструктури). Учебник . Варна, ВСУ „Черноризец Храбър”, 2012г.
  - Делибашев А. - Промислени сгради. София, 1969г.
  - Писарски М. и Аврамова А. - Промислени сгради. София, 1987г.

14. **Planned learning activities and teaching methods:** seminars, contact hours and independent learning. A project of an industrial sub-region (transport complex) in a phase Detailed draft project M 1:1000.
15. **Assessment methods and criteria:** written exam and defense of a project assignment.
16. **Language of instruction:** Bulgarian
17. **Work placement(s):** none