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:** Stable Architecture
2. **Course unit code:** ARC2148
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:** fourth
7. **Number of ECTS credits allocated:** 6
8. **Name of lecturer:** Assoc. Prof. Rosen Savov, PhD
9. **Learning outcomes of the course unit:** Basic knowledge in the field of the stable architecture, definitions and classifications of the grade systems.
   The aim of the course is to prepare specialists who have knowledge in the field of the stable architecture.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** The course requires basic knowledge in architectural design.
12. **Course contents:** Stable architecture – definitions, history, principles, criteria, indicators; stable design – ecological, versatile design; stable construction – intelligent buildings; stable energy – renewable energy systems; stable construction materials, intelligent building covering - facades; grade systems.
13. **Recommended or required reading:**
   САВОВ, Росен и НАЗАРСКИ Димитър - Енергийна ефективност, "Топлоизолационни системи на сгради"- 2006г
   САВОВ, Росен "Наръчник за разработване на част ТОПЛОТЕХНИЧЕСКА ЕФЕКТИВНОСТ на техническия и работен проект", САБ – СПСДА 2002г. (второ преработено и допълнено издание)
14. **Planned learning activities and teaching methods**: lectures, contact hours, project assignments on given topics
15. **Assessment methods and criteria:** written examination (test) with possible discussion (if necessary).
16. **Language of instruction:** Bulgarian
17. **Work placement(s):** none