

|                        |                    |                             |                               |                                     |
|------------------------|--------------------|-----------------------------|-------------------------------|-------------------------------------|
| <b>Name subjects :</b> |                    | <b>ARCHITECTURAL DESIGN</b> |                               |                                     |
| <b>Code subjects</b>   | <b>Case status</b> | <b>Semester</b>             | <b>Number of ECTS credits</b> | <b>Number of lessons ( weekly )</b> |
| PO2AP                  | Required           | IV                          | 8                             | 2P+2V                               |

**Study programs for which it is organized : Polytechnic , general studies**

**Conditionality other Subjects : None.**

**Idea studies subjects :** Architectural design is a subject that deals with by training of students for independent , responsible and entrepreneurial participation in the processes that concern construction and design practices . Within the framework subjects , through system study work ( lectures , exercises , studies case , work on field ...) the process is simulated design activities in practice for which students are preparing . Starting with the typological ones analysis , analyses context , urban planning parameters , examples from literature and experiences past over conceptual and conceptual settings up to creation architectural and urban planning conceptual project , students learn to independently they pass through complex and multidisciplinary process architectural design .

**Goals studies subjects :** *Goal The subject is to example one realistic city block (Podgorica) production architectural - urban planning projects residential content with accompanying - complementary functions : trade , hospitality , business, education ... Designing includes everything aspects , from traffic solutions over purposes surface , volumetric , horizontal and vertical regulations and parameters until materialization , functional dispositions and graphic articulations projects . The goal is to after the course empowers and encourages the student for further work in the field architectural design and to enable them to more self-confidence and knowledge they choose yours further career path .*

**Outcomes learning :** A student who successfully overcome this one subject , will be able to :

1. Understands basic concepts related to with architectural by design housing objects ;
2. R elationships and apply basic concepts architectural design housing objects collective housing ( multi-family housing ) ;
3. And it works and present basic assemblies and forms within the framework residential typologies ;
4. R elationships complex relationships and connections between forms , functions and typologies housing objects , assemblies and smaller urban whole ;
5. Acquaintances historical development appropriate typologies architectural objects , belonging theoretical concepts , such as and contemporary tendencies .

**Name and last name teacher and collaborators :** prof. arch . Milan Vujović, MA , Damir Bučan, MA

**Teaching method and overcoming materials :** lectures + exercises

#### WORK PLAN

**Sunday :** Name methodological unit for lectures (P), exercises (V) and others teaching contents (O); Planned shape checks knowledge (Pz)

|                           |           |                                                           |
|---------------------------|-----------|-----------------------------------------------------------|
| <b>Preparatory Sunday</b> |           | Introduction , preparation and enrollment semester .      |
| <b>And Sunday</b>         | <b>P</b>  | Introduction , goals , work plan                          |
| <b>II</b>                 | <b>P</b>  | Architecture                                              |
| <b>III</b>                | <b>P</b>  | Man and space                                             |
| <b>IV</b>                 | <b>P</b>  | Form and function                                         |
| <b>V</b>                  | <b>P</b>  | Spatial concept                                           |
| <b>VI</b>                 | <b>P</b>  | Architectural composition                                 |
| <b>VII</b>                | <b>P</b>  | Structure architectural work - housing                    |
| <b>VIII</b>               | <b>P</b>  | Study case ( structural analysis example from practices ) |
| <b>IX</b>                 | <b>P</b>  | Study case ( structural analysis example from practices ) |
| <b>X</b>                  | <b>P</b>  | Contents and structure housing objects                    |
| <b>XI</b>                 | <b>P</b>  | Internal organization and typology housing                |
| <b>XII</b>                | <b>P</b>  | Residential assembly                                      |
| <b>XIII</b>               | <b>P</b>  | Residential group                                         |
| <b>XIV</b>                | <b>P</b>  | Synthesis - personal attitude                             |
| <b>XV</b>                 | <b>P</b>  | Final considerations , final work                         |
| <b>XVI</b>                | <b>PZ</b> | Final exam ( lecture) project )                           |

**Obligations student in progress classes :** lectures + exercises

**Consultations by e- mail :** YES

#### Load student

|                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Sunday</u>                                                                                                                                                     | <u>in the semester</u>                                                                                                                                                                                                                                                                                                                     |
| 8 credits x 40/30 = 10 hours 40 minutes<br>Structure :<br>2 hours lectures<br>2 hours exercises<br>6 hours 40 minutes independent work, including consultations . | Total workload for the subject 8x30 = 240h<br>Structure :<br><b>Teaching</b> and final exam : 10h40min x 16 weeks = 170h40min<br><b>Necessary preparations</b> before beginning semester ( administration , enrollment , certification ) : 10h40minx2=21h20min<br><b>Additional preparation work</b> and laying remedial exam time : 0-48h |

#### Literature :

**Arnheim, R.** (1990). Dynamics architectural forms . Belgrade: University art in Belgrade **Le Corbusier** (2006). To the right architecture . Belgrade: Građevska book **Le Cbrbiez** . (2002). Modulor. Belgrade: Jasen **Milenković, B.** ( 2008). Introduction to architectural analysis 1. Belgrade: Construction book **Rakočević , M.** (2010). 24 hours architecture . Beograd : Orion Art

**Shapes checks knowledge and Evaluation :** In the first part semester students they work in groups of a maximum of 4 students and that part wear total 40% of grades . Students together analyze complete city block and they project urban planning solution , after that each of them gets that architecturally elaborate one object from their urban planning solutions . The grade is being formed. as sum the first and Part II of the work: I. Introduction group work 40 points (I colloquium ) 2nd lesson individual work 60 points (II colloquium )

|                     |               |              |              |              |              |
|---------------------|---------------|--------------|--------------|--------------|--------------|
| <b>Rating</b>       | <b>A</b>      | <b>B</b>     | <b>C</b>     | <b>D</b>     | <b>E</b>     |
| <b>Number point</b> | <b>90-100</b> | <b>80-89</b> | <b>70-79</b> | <b>60-69</b> | <b>50-59</b> |

