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**BSc Architecture and Spatial Planning**

**Syllabus**

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| **Subject** | **COMPUTER AIDED DESIGN 2** | | | |
| **Type** | **Semester** | **ECTS** | **Code** |
| OBLIGATORY (O) | II | 3 | 30-AKA-154 |
| **Course Lecturer** | Edmond Tafarshiku Msc, Gëzim Radoniqi Msc. | | | |
| Course Assistant |  | | | |
| Course Tutor |  | | | |
| **Aims and Objectives** | The goal of the Module is introduction to CAD in BIM (building information modelling) by using Graphisoft ArchiCAD 27 software.,  This module presents basics of BIM (Building Information Modelling) using building virtual 3D model of the building, modelled with real architectural elements (walls, columns, slabs, roof, morph, doors & windows, objects, beams, stairs etc.), from the generated 3d model creating with graphical documentation - layouts, basic schedules, CG visualizations renderings, sun study. | | | |
| **Learning Outcomes** | Students will create virtual 3Dmodel of the building and will generate architectural floorplans, sections, elevations, 3d views even flythrough animations. Knowledge gained from Computer Aided Design provides students with understanding and possibilities of applying software like Graphisoft Archicad in architectural design process. | | | |