



SVEUČILIŠTE U SPLITU
FAKULTET GRAĐEVINARSTVA,
ARHITEKTURE I GEODEZIJE

UNIVERSITY OF SPLIT
FACULTY OF CIVIL ENGINEERING,
ARCHITECTURE AND GEODESY

BIM for Architects

2017



University of Split

Spend your summer at
SPLIT SUMMER SCHOOL for students
of Civil Engineering, Architecture & Geodesy
CROATIA / Split

Welcome to Split Summer School!

The Course: BIM for Architects

Main topics:

- Core of BIM philosophy and implications on architectural design
- Designing a residential house using BIM approach in 3D
- Generating drawings from 3D model, scale 1:50 (floorplans, sections, facades)
- Introduction to formwork plan production
- Preparing printable sheets, self populating title blocs, associative links to 3D model
- Rendering of a building, exterior and interior
- Extracting exact quantities and export to Excel, PDF or word
- BIM workflow management and control
- BIM collaboration with other disciplines, exporting and importing BIM models from other designers (Civil engineers, HVAC, Geo-coordinates...)
- PDF based collaboration and workflow tracking

Program structure:

- 5 day course, practical work in architectural design using Allplan Architecture
- Producing full 3D residential house model, drawings, renderings and quantity takeoff
- BIM management principles and collaboration



Organising committee

Boris Trogrlić Ph.D. Dean, Associate professor btroglic@gradst.hr	Mirela Galić Ph.D. Vice Dean for Int. Cooperation, Associate professor mgalic@gradst.hr	Ana Jeličić Mag. ing. aedif. Academic Associate ana.jelicic@gradst.hr
		

Lectures

Gianmarco Ćurčić Baldini, architect, BIM manager at Baldinistudio d.o.o.

Petar Glušica, civil engineer, BIM manager at Baldinistudio d.o.o.



Program structure

Sunday, 3/9 Faculty Entry hall

19.30-21.00	Registration
20.30 - ...	Welcome and address by Organising Committee

Monday, 4/9 Classroom C1, -1st floor

Day 1 9:00 – 15:00

BIM in field of architecture, Explaining BIM building model structure, start to design

10.30 - 11.00	Coffee break: cafeteria, -1 st floor
12.30 - 13.30	Lunch break: student restaurant, -1 st floor

Tuesday, 5/9 Classroom C1, -1st floor

Day 2 9:00 – 15:00

Continuing to model architectural elements and floorplan creation

10.30 - 11.00	Coffee break: cafeteria, -1 st floor
12.30 - 13.30	Lunch break: student restaurant, -1 st floor

Wednesday, 6/9 Classroom C1, -1st floor

Day 3 9:00 – 15:00

Extracting sections and facades, preparing printable sheets

10.30 - 11.00	Coffee break: cafeteria, -1 st floor
12.30 - 13.30	Lunch break: student restaurant, -1 st floor



Thursday, 7/9 Classroom C1, -1st floor

Day 4 9:00 – 15:00

Creating formwork plans from architectural model and quantity calculation

10.30 - 11.00	Coffee break: cafeteria, -1 st floor
12.30 - 13.30	Lunch break
18.00 -	City tour (Diocletian's palace)

Friday, 8/9 Classroom C1, -1st floor

Day 5 9:00 – 19:30

BIM collaboration, workflow and data exchange with other participants (other disciplines). Integrating designs from other disciplines into integrated BIM model. BIM model evaluation and checking for collisions

10.30 - 11.00	Coffee break: cafeteria, -1 st floor
12.30 - 13.30	Lunch break
13.30 - 15.30	Final projects presentations
	Free time
18.30-19.30	Diploma awarding
19:30 -	Dinner at Faculty restaurant

