

Course	Building Information Modelling (BIM) in Building Processes, 3 ECTS credits
Year and period	B.Sc., 5–9 August 2019
Teacher(s)	Timo Lehtoviita M.Sc. (Tech.), Saimaa UAS Visiting lecturers
Person(s) in Charge	Timo Lehtoviita, Saimaa UAS
Aims	The aim of the course is to understand the basics of BIM in building processes. The course offers introduction to basic tools and presents practical examples of Building Information Modelling.
Content	<ul style="list-style-type: none"> - Philosophy of BIM. - Examples of BIM-based projects. - Getting familiar with BIM-tools. - Basic practices of using BIM.
Modes of Study	Lectures, computer practices.
Evaluation	<p>Final grade 0-5:</p> <p>1 = Student understands the basic concept of BIM. Student has used a tool to overview models.</p> <p>3 = Student understands the basic concept of BIM. Student can use different options of the viewer tool to gain information form the model.</p> <p>5 = Student understands the basic concept of BIM. Student can use different options of the viewer tool to gain information form the mod-el. Student can critically evaluate the use of BIM now and possibilities in future.</p>
Study Materials	PowerPoint presentations, manuals, models.
Prerequisites	Basic knowledge of building process and industry is beneficiary.