

<i>Module</i>	<i>Unit</i>	<i>Semester</i>	<i>CPs/SWS</i>	<i>Language</i>
PB19 Project Management	PB19-3 Project Management using BIM	P6 SS+WS	3/3	English

<i>Lecturer</i>	Prof. Dr.-Ing. Gipperich
<i>Prerequisite</i>	Knowledge of the contents from PB03, PB05, PB08 and PB14, acquiring the necessary admission to exams in the second section of studies according to the study and exam regulations § 28 (3) Structure of the study programme
<i>Teaching format</i>	<input checked="" type="checkbox"/> Lecture <input type="checkbox"/> Project work <input type="checkbox"/> Tutorial <input type="checkbox"/> Work in a team <input type="checkbox"/> Laboratory <input type="checkbox"/> Miscellaneous
<i>Learning objectives (knowledge, skills, competencies)</i>	In the event, in addition to the basics and the fundamental functionality of BIM application possibilities and potentials of BIM mediated. There is an overview of the current state of the art, the created marketable products and application examples. In addition, a Outlook created on the future developments and changes in Construction activities associated with BIM.
<i>Contents</i>	What is BIM? <input checked="" type="checkbox"/> Ergonomic principles <input checked="" type="checkbox"/> Data procurement <input checked="" type="checkbox"/> Methods for designing work systems <input checked="" type="checkbox"/> Process analysis and weakness analysis <input checked="" type="checkbox"/> Principles for optimising and rationalising the work structure
<i>Exam prerequisite</i>	None
<i>Exam</i>	<input checked="" type="checkbox"/> Written exam <input type="checkbox"/> Oral exam <input checked="" type="checkbox"/> Coursework
<i>Workload</i>	Attendance: 60.0 h Preparation and post-processing: 20.0 h , Coursework: 9.0 h Exam duration: 1.0 h
<i>Forms of media</i>	<input checked="" type="checkbox"/> Projector/Laptop <input checked="" type="checkbox"/> Blackboard <input checked="" type="checkbox"/> Script <input type="checkbox"/> Miscellaneous
<i>Literature</i>	
<i>Last changed</i>	18.03.2017