

<i>Course title</i>	<i>User-Centered Design</i>
<i>Course code</i>	<i>IIBB 360</i>
<i>Module coordinator</i>	<i>Miriam Heinrich</i>
<i>Lecturer</i>	<i>Prof. Dr. A.- P. Schmidt</i>
<i>Level of course</i>	<i>Bachelor</i>
<i>Recommended prerequisites</i>	<i>Modeling, programming skills</i>
<i>Type of course</i>	<i>Lecture</i>
<i>Weekly lecture hours (SWS)</i>	<i>2</i>
<i>ECTS credits</i>	<i>5</i>
<i>Workload</i>	<i>In total 150h, 30h course attendance, 120h self-study</i>
<i>Assessment (grading; pass/fail)</i>	<i>graded</i>
<i>Regular cycle</i>	<i>Each semester</i>
<i>Language of instruction</i>	<i>English</i>
<i>Contents:</i>	<i>During this lecture the basics of User Experience will be taught as well as procedure models and methods of user-centered design, of agile project management, of socio-technical, interdisciplinary and economic perspectives. Furthermore, this seminar contains some techniques and methods for developing and evaluating ideas. Moreover, the students will get in touch with interactive design methods, dealing with the issues of qualitative analyzing methods, (paper-) prototyping and qualitative &amp; quantitative evaluation methods.</i>
<i>Learning outcome (competencies):</i>	<p><i>After having successfully completed this course, the student should:</i></p> <ul style="list-style-type: none"> <li><i>• Have gained technical competencies in terms of knowing the processes, socio-technical and qualitative methods of User-Centered Design as well as agile procedures and their prerequisites.</i></li> <li><i>• Have learned and are able to exert methods how to develop ideas, how to rate them technically and economically and how to evaluate designs.</i></li> <li><i>• Be able to develop, present and discuss ideas in a given context as well as dealing with uncertainties at decisions during Design procedure.</i></li> </ul>
<i>Teaching methods</i>	<input checked="" type="checkbox"/> Lecture <input checked="" type="checkbox"/> Group work <input checked="" type="checkbox"/> Exercises <input type="checkbox"/> Simulation <input type="checkbox"/> Video feedback <input type="checkbox"/> Others:
<i>Assessment methods</i>	<i>Written exam, Presentation</i>
<i>Recommended reading</i>	<i>Announced during lecture</i>
<i>Additional information</i>	
<i>Recognition of credits</i>	