

Module description: Case Studies Stock and Flow - Systems 1																													
Module Code	t.BA.WI.PM1.19HS																												
ECTS Credits	4																												
Language of Instruction/Examination	German																												
Organizational Unit	IAMP																												
Module Coordinator	Francesca Venturini																												
Legal Framework	The module description is part of the legal basis in addition to the general academic regulations. It is binding. During the first week of the semester a written and communicated supplement can specify the module description in more detail.																												
Module Characteristic	Type 4* 4 lab lessons per semester week and half-class																												
Module Description	Students learn to describe, experimentally investigate, analyse and model natural, technical and economic dynamic systems. They deepen their knowledge of physical and business processes, build their process thinking and analogy thinking and learn to use key computer-aided tools.																												
Module Content	<ul style="list-style-type: none"> Project work with written and/or oral presentation 																												
Prerequisite Knowledge	Physics and mathematics of technical professional maturity (or equivalent level).																												
Learning Objectives (Competences)	Students...		Competencies	Taxonomies																									
	You are able to plan and carry out their own experiments.		M	K3																									
	You can apply scientific knowledge to recognize questions, to acquire new knowledge, to describe scientific / technical phenomena and to draw conclusions from evidence		M	K3																									
	You can analyze and transform data sets.		M	K4																									
Performance Assessment	<table border="1"> <thead> <tr> <th>End-of-module exam</th> <th>Assessment</th> <th>Length (min.)</th> <th>Weighting</th> <th colspan="2">Form</th> </tr> </thead> <tbody> <tr> <td>other</td> <td>Grade</td> <td>0</td> <td>100</td> <td colspan="2">acc. to module agreement</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Performance assessment during the semester</th> <th>Assessment</th> <th>Length (min.)</th> <th>Weighting</th> <th colspan="2">Form</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td colspan="2">-</td> </tr> </tbody> </table>					End-of-module exam	Assessment	Length (min.)	Weighting	Form		other	Grade	0	100	acc. to module agreement		Performance assessment during the semester	Assessment	Length (min.)	Weighting	Form		-	-	-	-	-	
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Classroom Attendance Requirement	None																												
Learning material																													
Comments																													