

Module description: Aviation Projects 3			
Module Code	t.BA.AV.PM3.19HS		
ECTS Credits	4		
Language of Instruction/Examination	German		
Organizational Unit	ZAV		
Module Coordinator	Rolf Steinegger		
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	The AV.PMX project module aims to create the basis for successful project and Bachelor theses by having students practise the process. The learning content of project modules AV.PM3 and AV.PM4 covers aviation projects (3 credits each) and communication training (ZAV with ILC, 1 credit each).		
Module Content	<ul style="list-style-type: none"> • Projectmanagement: defining, planning, execution and completion of projects with the goal of informed simplicity as part of systems engineering. • Aviation Meteorology and Human Factors: data preparation, measurements and data collection including preparation, data interpretation, sources and literature study as well as understanding. • Communication training: English terminology in aviation (dictionary in aeronautical English), dealing with regulations EASA, ICAO etc. • The project management methods and scientific working methods are trained implicitly. The tasks ('projects') should build on each other and correspond to an 'increase run' over the entire 6 semesters. 		
Prerequisite Knowledge	https://gpmpublic.zhaw.ch/GPMDocProdDPublic/2_Studium/2_02_Grundlagen_Studium/T_C_L_Modulauspraegungen_SM2025.pdf		
Learning Objectives (Competences)	Students...	Competencies	Taxonomies
	The project management craft is applied practically, including time and resource management (planning behavior, acting jointly responsible for the project).	M	K3
	In preparation for the project and bachelor's thesis, scientific theses are formulated and the understanding of scientific work is promoted (study of sources, creative ability, decision-making ability).	M	K5
	Critical thinking is promoted when questioning information as well as during plausibility checks/estimations of magnitudes (decision-making ability, personal responsibility, creative ability).	SE	K6
	The projects are interdisciplinary and promote holistic system thinking (decision-making ability, creative ability).	SE	K5
	The development takes place in small groups (ability to dialogue, taking responsibility for the project, personal responsibility).	SO	K6

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Performance Assessment	End-of-module exam	Assessment	Length (min.)	Weighting	Form	
	report		0	100	acc. to module agreement	
	Performance assessment during the semester		Assessment	Length (min.)	Weighting	Form
	-		-	-	-	-
Classroom Attendance Requirement	None Various assignments on Moodle and at the school					
Learning material						
Comments	There will be no end-of-semester exam. The "report" includes several assignments on Moodle.					