

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Space Science and Technology as a Master's with 1 major with the degree "Master of Science" (120 ECTS credits)

Responsible: Institute of Computer Science

Examination regulations version: 2006

Abbreviations used: Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V** = lecture

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB** = list of modules

Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s)

Conventions for the modules in this SFB: Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Information on assessment procedures: Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

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associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

26-Sep-2006 (2006-21)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

Abbreviation	Module title						
	ECTS		Duration	(in semesters)	Method of grading		Module level
	Courses		To be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y				
	Method of assessment						
	Only after successful completion of		if applicable				
	Other prerequisites		if applicable				
	Participants and allocation of places		if applicable				
	Additional information		if applicable				
	Referred to in LPO I		if applicable (examination regulations for teaching-degree programmes)				

Compulsory Courses (60 ECTS credits)							
(ECTS credits)							
(ECTS credits)							
10-I-IT-062-m01	Internet Technologies						
	ECTS	3,50	Duration	1 semester	Method of grading	(not) successfully completed	Modul level undergraduate
	Courses		V + Ü (no information on SWS (weekly contact hours) and course language available)				
	Method of assessment						
10-I-OOA-062-m01	The object-oriented Approach and Java Programming						
	ECTS	3,50	Duration	1 semester	Method of grading	numerical grade	Modul level undergraduate
	Courses		Ü + Ü (no information on SWS (weekly contact hours) and course language available)				
	Method of assessment						
10-I-CSD-062-m01	CanSat Design Lab						
	ECTS	4	Duration	1 semester	Method of grading	(not) successfully completed	Modul level undergraduate
	Courses		P (no information on SWS (weekly contact hours) and course language available)				
	Method of assessment						
10-I-SD-062-m01	Space Dynamics						
	ECTS	4	Duration	1 semester	Method of grading	numerical grade	Modul level undergraduate
	Courses		V + Ü (no information on SWS (weekly contact hours) and course language available)				
	Method of assessment						
10-I-SSD-062-m01	Spacecraft System Design						
	ECTS	7	Duration	1 semester	Method of grading	numerical grade	Modul level undergraduate
	Courses		V + Ü (no information on SWS (weekly contact hours) and course language available)				
	Method of assessment						
Focus (30 ECTS credits)							
(30 ECTS credits)							
(30 ECTS credits)							
(60 ECTS credits)							
(30 ECTS credits)							
(30 ECTS credits)							
(30 ECTS credits)							
10-I-AA-072-m01	Advanced Automation						
	ECTS	8	Duration	1 semester	Method of grading	numerical grade	Modul level undergraduate
	Courses		Ü (no information on SWS (weekly contact hours) and course language available)				
	Method of assessment						

10-I-TDP-072-m01	Team Design Project							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses		P (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment							
10-I-RO-072-m01	Robotics							
	ECTS	8	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		V + Ü (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment							
(30 ECTS credits)								
(30 ECTS credits)								
(30 ECTS credits)								
(30 ECTS credits)								
(30 ECTS credits)								