

**Program Scheme Master „Space Sciences and Technologies – Sensing, Processing, Communication” („Space-ST”)**

Semester	Pflichtmodule (Compulsory Modules), insgesamt 57 CP			Master- arbeit (Master Thesis), 30 CP	Projekt (Project), 12 CP	Wahlpflichtbereich (Compulsory Elective Modules), 12 CP		Wahlbereich (Elective Modules), 9 CP	$\Sigma$ 120 CP
						„Physics for Space Observation” (PSO) (Specialization), 12 CP	„Information Technolo- gies for Space“ (ITS) (Specialization), 12 CP		
1	<b>Foundations (30 CP)</b>								30
	AMMDA Applied Mathemati- cal Methods and Data Analysis, 6 CP	CTh1(a) Control Theory 1, 6 CP	SpEl(a) Space Electronics, 3 CP						
	SEM Science and Explo- ration Missions, 3 CP	AtPhy Atmospheric Physics, 6 CP	ComSp Communication Tech- nologies for Space, 6 CP						
2	<b>Remote Sensing and Communication (27 CP)</b>							Elective Courses, 9 CP siehe Anlage 2.4	30
	SAMS(a) Sensors and Measurement Systems, 6 CP		DIP Digital Image Processing, 3 CP						
	GNSS The Global Navigation Satellite System, 3 CP	LSpa1 Space Lab, Part 1, 3 CP	AtSp Atmospheric Spectroscopy, 3 CP						
3	CNSp Communication Net- works for Space, 3 CP	LSpa2 Space Lab, Part 2, 3 CP	GG Geodesy and Gravity, 3 CP		PMA, Pro- ject, 12 CP	AtCM1 Atmospheric Chemistry Modelling: Part 1, 3 CP			30
4				ThsSpa Module Master Thesis, 30 CP					30

CP = Credit Points