

Master Atmospheric Sciences (2015) recommended schedule from 2018/19 on										version: May 2018													
T		h		E		course#		course#		course#		course#		course#		course#							
1 W																							
Module 01 Atmospheric Physics and Chemistry				Module 02 Climate and Cryosphere				Module 03 Dynamics of the Atmosphere				Module 04 Boundary Layer Meteorology											
Atmospheric Radiation and Remote Sensing		VU 3 5		707702		Physics of the Climate System		VU 3 5		707712		Geophysical Fluid Dynamics		VU 3 5		707721		Boundary Layer Meteorology		VU 3 5		707701	
				Module 07 Weather Forecasting, Statistics and Programming				Mountain Meteorology				VU 3 5				707751							
				Scientific Programming		VU 2 4		707716															
2 S																							
Module 01 Atmospheric Physics and Chemistry				Module 02 Climate and Cryosphere								Module 04 Boundary Layer Meteorology											
Atmospheric Chemistry and Biogeochemistry		VU 3 5		707753		The Cryosphere as Part of the Climate System		VU 3 5		707711		Advanced Weather Forecasting		VU 2 3.5		707756		Field Course Atmospheric Sciences		EU 4 7.5		707741	
				Module 06 Numerical Methods				Geostatistics				VU 3 5				707737				Module 05 Numerical Modeling			
				Numerical Methods for Models in Atmospheric Sciences		VO 2 3.5		707706						Climate and Cryosphere Modeling		VU 2 3		707769					
				Numerical Methods for Models in Atmospheric Sciences		PS 1 1.5		707707															
3 W																							
Elective Modules 1-4 (each 5 ECTS)				Module 09 Interdisciplinary Skills (elective)				Module 05 Numerical Modeling				Module 08 Reading, Writing and Presenting Scientific Content											
Advanced Topics in: (1) Atmospheric Physics and Atmospheric Chemistry; (2) Climate and Cryosphere; (3) Atmospheric Dynamics; (4) Modeling and Statistics		10		courses from related Master programs (e.g. math, statistics, physics, biology, chemistry, engineering, economics)		10		Numerical Modeling of Weather and Climate		VU 3 4.5		707768		Reading, Writing and Presenting Scientific Content		PS 2 2.5		707717					
4 S																							
possible courses for module 09 (for currently offered courses check course catalog at uibk.ac.at)																							
Module 10 Thesis				Atmospheric Physics and Atmospheric Chemistry				Climate and Cryosphere				Atmospheric Dynamics											
thesis: 27.5 ECTS, defense: 2.5 ECTS		30		: literature seminar		PS 1 1.5		: literature seminar		PS 1 1.5		: literature seminar mountain meteorology		PS 1 1.5									
				: visualization of scientific data		VU 1 1.5		: glaciological field course		EU 2 3		: advanced weather forecasting: winter		PR 1 1.5									
				: numerical glaciological models		VU 2 3		: seminar for glaciological field course		PS 1 1.5		: advanced weather forecasting: summer		PR 1 1.5									
								: avalanches (bi-annually)		VO 2 3		: aviation meteorology (bi-annually)		VO 1 2.5									
								: avalanches (bi-annually)		EU 2 3		: aviation meteorology (bi-annually)		UE 1 1.5									
												: boundary meteorology		VU 1 1.5									