

Master Atmospheric Sciences (2015) recommended schedule											version: Sept 2016								
from 2015/16 on	T	h	E	course#				course#							course#				
<b>1 W</b>																			
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 06 Numerical Methods				Mountain Meteorology				VU 3 5 707751											
Numerical Methods for Models in Atmospheric Sciences				V0 2 3.5 707706															
Numerical Methods for Models in Atmospheric Sciences				P 1 1.5 707707															
<b>2 S</b>																			
Module 01 Atmospheric Physics and Chemistry				Module 02 Climate and Cryosphere				Module 07 Weather Forecasting, Statistics and Programming				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
												groups of max 6							
								Geostatistics				VU 3 5 707737							
								Scientific Programming				VU 2 4 707716							
<b>3 W</b>																			
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							
								Climate and Cryosphere Modeling				VU 2 3 707769							
<b>4 S</b>																			
Module 10 Thesis																			
				30															
thesis: 27.5 ECTS, defense: 2.5 ECTS																			