

**Semester Masters Atmospheric Science**

<b>1 / Winter</b>	<b>Module 1 Boundary Layer and radiation</b>		<b>Module 2 Mathematical Methods</b>		<b>Module 3 Ice and climate</b>		<b>Module 4 Research Concepts</b>	
	Atmospheric Boundary Layer	VO 2	Mathematical Methods in Physics	VO 2	Glaciology	VO 2	Scientific Programming	VU 3
	Atmospheric Radiation	VO 2	Practicals Mathematical Methods in Physics	PS 2	Physical Climatology	VO 2	Basics of Scientific Research	PS 1
<b>2 / Summer</b>	<b>Module 5 Geofluid dynamics</b>		<b>Module 6 Remote Sensing</b>		<b>Module 10 Glaciological Field Work</b>		<b>Module 14 Numerical Methods A</b>	
	Geofluid dynamics	VO 3	Remote Sensing of Snow and Ice	VU 2	Seminar Glaciological Field Work	PS 2	Numerical Mathematics	VO 3
	Geofluid dynamics lab	UE 1	Remote Sensing of the Atmosphere	VU 2	Glaciological Field Work	PR 2	Statistics and Data Analysis	VO 2
<b>3 / Winter</b>	<b>Module 7 Mountain Meteorology</b>		<b>Module 8 Synoptical Meteorology</b>		<b>Modul 12 Mountain Meteorological Field Work</b>		<b>Module 15 Numerical Methods B</b>	
	Mountain Meteorology	VO 2	Advanced Weather Forecasting	VU 2	Seminar Mountain Met. Field Work	PS 2	Numerics of Partial Differential Equations	VO 2
	Hydrometeorology	VO 2	Daily Weather Forecasting Lab	PR 2	Mountain Meteorological Field Work	PR 2	Seminar Numerics of PDEs	PS 2
	Atmospheric Chemistry and Pollution	VO 1						
					<b>Module 11 Methods and Models in Glaciology</b>			
					Glaciological Modelling	VU 2		
<b>4 / Summer</b>	<b>Elective Module</b>		<b>Module 9 Thesis Defense</b>		<b>Module 13 Mountain Meteorological Modelling</b>			
	choose from paleoclimatology, dynamics, remote sensing, polar meteorology, mountain meteorology, global change, applied geology, geography, mathematics, gender aspects		Thesis Defense	VO 2	Atmospheric Modelling	VO 4		
					Atmospheric Modelling Lab	UE 2		
	glaciology focus		mountain meteorology focus					

**Note: All courses at our institute will be given in English when non-German speakers take part in the class.**

School of Mathematics, Physics, IT