

## Module Scheme Master Geophysics, SPO 2020, as at 20.03.2023

Sem.	Geophysics		Scientific Focusing Phase, Scientific Seminars and Introduction to Scientific Practice		Compulsory Electives	SQs	Sum CP
<b>1</b> (WS, or SS)	Physics of Seismic Instruments M: Seismometry, Signal Processing and Seismogram Analysis V2Ü1 6	Seismology M: Seismometry, Signal Processing and Seismogram Analysis V2Ü2 8			Compulsory Electives 6	SQs I 2	<b>1</b> (WS, or SS)
		Seismics M: Seismometry, Signal Processing and Seismogram Analysis V2Ü2 8					
<b>Sum CP</b>	<b>22</b>				<b>6</b>	<b>2</b>	<b>30</b>
<b>2</b> (SS, or WS)	Theory of Seismic Waves M: Theory and Inversion of Seismic Waves V2Ü1 6	Seismic Modelling M: Theory and Inversion of Seismic Waves V1Ü1 4			Compulsory Electives 10	SQs II 2	<b>2</b> (SS, or WS)
		Inversion and Tomography M: Theory and Inversion of Seismic Waves V2Ü2 8					
<b>Sum CP</b>	<b>18</b>				<b>10</b>	<b>2</b>	<b>30</b>
<b>3</b> (WS, or SS)			Seismic/Seismology Seminar M: Scientific Focusing Phase S2 10	Introduction to Research in a Scientific Sub-Field incl. a Seminar Paper M: Introduction to Scientific Practice 16			<b>3</b> (WS, or SS)
				Seminar of the Geophysical Institute or Phys. Colloquium, etc. M: Scientific Seminars S2 4			
<b>Sum CP</b>			<b>30</b>				<b>30</b>
<b>4</b> (SS, or WS)	Master's Thesis and Colloquium M: Master's Thesis 30						<b>4</b> (SS, or WS)
<b>Sum CP</b>	<b>30</b>						<b>30</b>
<b>Module</b>	Seismometry, Signal Processing and Seismogram Analysis: 22		Introduction to Research in a Scientific Sub-Field incl. a Seminar Paper: 16		Electives: 16	SQs: 4	
	Theory and Inversion of Seismic Waves: 18		Seismic/Seismology Seminar: 10				
	Master's Thesis: 30		Seminar of the Geophysical Institute or Phys. Colloquium, etc.: 4				
<b>Total CP</b>	<b>70</b>		<b>30</b>		<b>16</b>	<b>4</b>	<b>120</b>