

List of exams (Prüfungsliste) Master's Program Geophysics SPO 2020

as at summer term 2023

Semester	What	Type	Graded?	Length	ECTS
WS (1)	Physics of Seismic Instruments (prerequisite)	Studienleistung	no		0
	Seismology (prerequisite)	Studienleistung	no		0
	Seismics (prerequisite)	Studienleistung	no		0
	Seismometry, Signal Processing and Seismogram Analysis	Prüfungsleistung (mndl./oral)	yes	60 min	22
	Electives	varies	varies	varies	6
	Interdisciplinary Qualifications	Studienleistung	no		2
SS (2)	Theory of Seismic Waves (prerequisite)	Studienleistung	no		0
	Inversion and Tomography (prerequisite)	Studienleistung	no		0
	Seismic Modelling (prerequisite)	Studienleistung	no		0
	Theory and Inversion of Seismic Waves	Prüfungsleistung (mndl./oral)	yes	60 min	18
	Electives	varies	varies	varies	10
	Interdisciplinary Qualifications	Studienleistung	no		2
WS (3)	Scientific Focusing Phase	Studienleistung	no		10
	Introduction to Scientific Practice	Studienleistung	no		16
	Scientific Seminars	Studienleistung	no		4
SS (4)	Master's Thesis	Prüfungsleistung (schrftl./writt.)	yes	6 months	30

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Exemplary electives:

Geological Hazard and Risk	Prüfungsleistung (andere Art/other)	yes		8
	Studienleistung	no		8
Seismic Data Processing	Prüfungsleistung (andere Art/other)	yes		6
	Studienleistung	no		6
	Studienleistung	no		2
Array Techniques in Seismology	Prüfungsleistung (andere Art/other)	yes		4
	Studienleistung	no		4
Tectonics and Seismic Hazard in the Mediterranean Region	Prüfungsleistung (andere Art/other)	yes		6