

Studiengangbezeichnung:		Applied Earth Observation and Geoanalysis (EAGLE) mit dem Abschluss Master of Science		
Stand: 27.11.2015		Hauptfach mit 120 ECTS-Punkten		
FS	Module	Bereich	ECTS	SWS
1.	Introduction to Remote Sensing and Geoanalysis	PF	5	2
	Applications of Earth Observation	PF	5	2
	Digital Image Analysis and GIS	PF	5	2
	Programming and Geostatistical Analysis	PF	5	2
	Wahlpflichtbereich Resources and Environment (10 ECTS required)			
	Selected Topics in Geography I	WPF	5	2
	Selected Topics in Geography II	WPF	5	2
	Mineral Resources in Space and Time	WPF	5	2
Zwischensumme 1. Fachsemester			30	14
2.	From Field Samples to Spatial Data	PF	5	2
	Wahlpflichtbereich Applications of Remote Sensing (10-15 ECTS required)			
	Land Surface Dynamics	WPF	5	2
	Land and Water Management	WPF	5	2
	Exploration of Mineral Deposits	WPF	5	2
	Selected Applications	WPF	5	2
	Wahlpflichtbereich Advanced Methods and Modeling (5-10 ECTS required)			
	Spatial Modeling and Prediction	WPF	5	2
	Advanced Spatial Analysis for Geoscientists	WPF	5	2
	Special Methodological Issues	WPF	5	2
	Wahlpflichtbereich Soft Skills (5 ECTS required)			
	Project management / Scientific Presentation / Scientific Writing	WPF	5	2
	Advanced skills on the Master's level	WPF	5	2
Advanced instructions for Scientific Working	WPF	5	2	
Zwischensumme 2. Fachsemester			30	22
3.	Internship (2 months)	PF	15	---
	Innovation Laboratory	PF	10	4
	Thesis Topic Elaboration and Presentation	PF	5	--
Zwischensumme 3. Fachsemester			30	4
4.	Master Thesis EAGLE		28	
	Final Colloquium of Master Thesis		2	---
Zwischensumme 4. Fachsemester			30	---
Gesamtsumme			120	