WPM 11 Human-Environmental Systems Interaction					Credits: 6
modelii - ge - le	nts otain bas ng huma et acquai arn abou et a profe	n environmental nted with institu It land use mode bund understand	systems (also call utions of sustainabi eling at different sp	ed social-ecological syst lity atial scales	ods for conceptualizing and rems) tion options in agriculture
Teaching formats	SWS	Workload	Credits, prerequisite for exam	Contents	
LE	2	90 hours	2	 modeling? Analysis of e models) Resource ecomodels) Social-ecolog Framework for of SES Vulnerability, The SES frantion of SES (employment of	nework of sustainability hodological approaches to the pirical field research, system based modeling, etc.) deling approaches at different omic models and biophysical Il change, land expansion and eacts and adaptation options in greenhouse gas emissions and on between agriculture and the
SE	2	90 hours	4	 Practical exe different framewore analysis of SES 	s of students on selected topics rcises about the application of rks and methods for the rcises in mathematical GAMS
Examination		180 hours	Pass	Oral Exam 30 minutes presentation 20 minu	s (50%), Precondition: tes (50%)
Duration		☐ 1 Semester ☐ 2 Semester			
Start of module		⊠ WS (Block seminar) □ SS			