Course name	Environmental Changes and	d Risks					
Code	PMP168	Year of study	2 D				
Course teacher	Prof.dr.sc. Darko Koračin	Credits (ECTS)	5				
Associate teachers		Instruction type (number of hours)	P 30	S 15	AV	LV	KV
Course status	Compulsory	Percentage of application of e-learning	30		•		
	COURSI	E DESCRIPTION					
Course objectives	The course synthesizes ma and risks. At the same time and their relationship with s development make up an ir concept within pre-universit	e, it outlines physical, chem social systems. Lectures comportant part of the course	nical a oncerr	nd bio	logical tainabl	proce le	sses
Course enrolment requirements and entry competences required for the course	•	Environmental physics Statistics and mathemat	ics				
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	Interdisciplinary methods of Physical, chemical and biol systems. Sustainable development Scenarios development Policy implementation				with s	ocial	
Course content broken down in detail by weekly class schedule (syllabus)	Sustainable development Scenarios development Scenarios development Policy implementation Environmental changes – concept and definitions Interactive processes regulating the entire Earth system Physical, chemical and biological cycles int he environment. "Anthropocene Era" – human –nature interactions at global, regional and local levels. Types of gobal changes in the environment Hazards and risks, classification, assessment of vulnerability. Analysis of economic and social impact. Vulnerability and risks. Predictability, impacts and migrations. Public regulations related to natural hazards. Concept of sustainable development.				3 4 4 4 4 2 5		

Instruction format	x predavanja x seminari i radionio x vježbe □ <i>on line</i> u cijelosti x mješovito e-učenj □ terenska nastava	i ie		x samostalni zadaci ☐ multimedija ☐ laboratorij x mentorski rad ☐ (ostalo upisati)				
Student responsibilities								
Concessing attendant			1					
Screening student work (name the	Attendance	1	Research			Practical work		
proportion of ECTS credits for each	Experimental work		Report			Homework		
activity so that the	Essay	1	Seminars		1	Other		
total number of ECTS credits is	Colloquium		Oral exam	า	1	Other		
equal to the ECTS value of the course)	Written exam		Project			Other		
Grading and evaluating student work in class and at the final exam	Written exaOral preserOral exam							
		Tit	le			Number of copies in library	From med	
Required literature	Diamond, J. M.: Gu of Human Societies		ms and Ste	eel: The	Fates			
(available in the								
library and via other media)								
	Bryant, E.A*** (2000),	·			, Cambr	idge University	Press	
Optional literature	IGBP Scier	nce, 4.	_		-	tem: a planet u nces Harris (ed		sure,
	JohnWiley&	&Sons, I	Ltd.			·	ŕ	
Quality assurance methods that ensure the acquisition of exit competences	compared	with the ng the do ne succe	work of stue evelopmentess of the o	idents. t of stu		s at the end of the subjects w		

Other	(as	the
proposer	wishe	es to
add)		