

A single year

The courses are given in three locations : Arlon, Gembloux and Liège

For any information, contact, at the Faculty of Applied Sciences, Pierre OZER - pozer@ulg.ac.be

Compulsory courses

STFE2002-1	<i>Final work - COLLÉGIALITÉ</i>	-	-	-	15
	<i>Notice : This project must be related to a natural hazard within the student's competence</i>				

Multidisciplinary teaching related to natural hazards

Coordinator : Sébastien BRUNET

RISQ2000-1	<i>Introduction to natural hazards - Pierre OZER</i>	Q1	6	6	-	1
RISQ2001-1	<i>General methodology of risk analysis - Sébastien BRUNET</i>	Q2	6	6	-	1
ENVT0742-2	<i>Environmental problems - Marianne VON FRENCKELL</i>		12	24	-	4

Risk Analysis Tools

Coordinator : Pierre OZER

GEOG0024-4	<i>Remote Sensing - Yves CORNET, Antoine DENIS</i>	Q1	12	24	-	3
GEOG2000-1	<i>Introduction to the geographic information systems - Philippe LEJEUNE</i>	Q2	12	24	-	3
RISQ2002-1	<i>Methodology for collecting and processing information applied to risk analysis</i>					5
	- <i>Analyse des systèmes et modélisation - Bernard TYCHON</i>		12	12	-	
	- <i>Instrumentation et capteurs en milieu naturel - Bernard TYCHON</i>		6	6	-	
	- <i>Traitement de l'information environnementale - outils statistiques et mathématiques - Bakary DJABY</i>		12	12	-	

Tools to Manage Natural Risks and Help for Decision-making

Coordinator : Pierre OZER

ENVT0752-1	<i>Major risks : analysis, prevention, management - COLLÉGIALITÉ, Pierre OZER</i>		12	12	-	2
RISQ2011-1	<i>Education, awareness, communication - Marianne VON FRENCKELL</i>		12	12	-	2
RISQ2012-1	<i>Land Planning and Natural hazards Management - Pierre OZER</i>		12	12	-	2
ENVT0749-1	<i>Decision-making aid : methods of multicriteria analysis - JeanJacques BOREUX</i>	Q1	12	12	-	2
ENVT2064-1	<i>Conceiving of surveys and survey questions (part) - Thomas DOGOT</i>	Q2	12	-	-	1
RISQ2013-1	<i>Multi-disciplinary workshops : seminars - COLLÉGIALITÉ</i>		-	12	-	1

Specialized teaching on natural hazards and their management

Coordinators : N..., Alain DASSARGUES

RISQ2010-1	<i>Integrated practical exercises - COLLÉGIALITÉ, André OZER - [72h FW]</i>	-	-	-	[+]	6
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Optional courses

Specialized teaching on natural hazards and their management

Coordinators : N..., Alain DASSARGUES

Choose 4 courses totalling 12 ECTS from the following :

RISQ2005-1	<i>Natural hazards linked to atmospheric extremes and climate variability - Michel ERPICUM, Pierre OZER, Dominique PERRIN</i>	TA	18	18	-	3
GRNA0016-1	<i>The agricultural and forestry production faced with natural hazards</i>					3
	- <i>Ecosystèmes tropicaux - JeanLouis DOUCET</i>		12	-	-	
	- <i>Ecophysiologie végétale</i>		12	-	-	
	- <i>Protection des cultures - Philippe LEPOIVRE - [5h SEM]</i>		4	3	[+]	
RISQ2006-1	<i>Natural hazards linked to land degradation : soil erosion, desertification and agrometeorology - Gilles COLINET, Pierre OZER, Bernard TYCHON</i>			18	18	-
RISQ2007-1	<i>Hydrological hazards : floods, mudflows and groundwater overexploitation - Alain DASSARGUES, Benjamin DEWALS, François PETIT</i>	Q2	18	18	-	3
RISQ2008-1	<i>Geodynamic risks: seismic risks, volcanism, land movement or landslides, rockfalls, karstic risks - HansBalder HAVENITH, Aurelia HUBERT</i>	Q2	18	18	-	3
RISQ2009-1	<i>Natural hazards in coastal zones: coastal erosion, harbour protection, natural and induced subsidence, seawater intrusions, impact of climatic changes, tsunami - JeanMarie BECKERS, Alain DASSARGUES, André OZER</i>	Q2	18	18	-	3