

A single year

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

For information, contact :

* Gembloux Agro-Bio Tech, Roger Paul - roger.paul@ulg.ac

* Faculty of Sciences, Pierre Ozer - pozer@ulg.ac.be

Compulsory courses

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

Multidisciplinary teaching related to natural hazards

Coordinator : Catherine FALLON

RISQ2000-1	<i>Introduction to natural hazards</i> - Pierre OZER	6	6	-	1
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RISQ2001-1	<i>General methodology of risk analysis</i> - Catherine FALLON	6	6	-	1
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ENVT0742-2	<i>Environmental problems</i> - Marianne VON FRENCKELL	12	24	-	4
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Risk Analysis Tools

Coordinator : Pierre OZER

GEOG0024-4	<i>Remote Sensing</i> - Yves CORNET, Bernard TYCHON	12	24	-	3
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GEOG2000-1	<i>Introduction to the geographic information systems</i> - Philippe LEJEUNE	12	24	-	3
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RISQ2002-1	<i>Methodology for collecting and processing information applied to risk analysis</i>				5
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	- <i>Analyse des systèmes et modélisation</i> - Bernard TYCHON	12	12	-	
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	- <i>Instrumentation et capteurs en milieu naturel</i> - Bernard TYCHON	6	6	-	
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	- <i>Traitement de l'information environnementale - outils statistiques et mathématiques</i> - Jacques NICOLAS	12	12	-	
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Tools to Manage Natural Risks and Help for Decision-making

Coordinator : Pierre OZER

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

Coordinators : Roger PAUL, Alain DASSARGUES

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

Specialized teaching on natural hazards and their management

Coordinators : Roger PAUL, Alain DASSARGUES

Choose 4 courses totalling 12 ECTS from the following :

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