

## Block view of the study programme

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### Block 1

#### Compulsory courses

HULG9345-1	<i>Introduction to rurality</i> - Serge SCHMITZ - [45h Ex.]	Q1	30	-	[+]	<b>6</b>
HULG9344-1	<i>Science, ethics and development</i> - [7,5h Ex.]	Q1	22,5	-	[+]	<b>3</b>
HULG9346-1	<i>Global change and the Anthropocene</i> - [20h Ex.]	Q1	15	-	[+]	<b>3</b>
HULG9347-1	<i>Socio-ecological systems and theory of complexity</i> - [20h Ex.]	Q1	15	-	[+]	<b>3</b>
HULG9348-1	<i>Introduction to the theory and management of socio-ecological transitions</i> - Pierre M. STASSART - [23h Ex.]	Q1	20	-	[+]	<b>3</b>

[...] Choose one intership amongst :

Management of natural environments and landscape

HULG9359-1 *Placement* - - - - **12**

Elements of bioengineering and geography

HULG9507-1 *Internship* - - - - **12**

#### Optional courses

Students choose 12 credits from among the proposed LU, depending on their undergraduate degree:

HULG9349-1	<i>Ethics</i>	Q1	15	-	-	<b>2</b>
HULG9350-1	<i>Environmental and sustainable development law</i>	Q1	30	-	-	<b>3</b>
HULG9351-1	<i>Introduction to geographic information systems</i> - [20h Ex.]	Q1	15	-	[+]	<b>4</b>
HULG9352-1	<i>Economic geography (part)</i>	Q1	30	-	-	<b>3</b>
HULG9353-1	<i>Population and environment in countries in the South</i>	Q1	30	-	-	<b>3</b>
HULG9354-1	<i>Geographical analysis of rural and urban spaces</i>	Q1	30	-	-	<b>4</b>
ECON2248-1	<i>Environmental economy</i> - Kevin MARÉCHAL	Q1	18	-	-	<b>2</b>
BIOD0001-3	<i>Biodiversity management</i> - Arnaud MONTY - [6h SEM]	Q1	18	-	[+]	<b>2</b>
ENVT2049-2	<i>Introduction to environmental assessment</i> - Angélique LÉONARD - [9h AUTR]	Q1	9	-	[+]	<b>2</b>
ENVT3050-1	<i>Quantification of ecosystem services</i> - Marc DUFRÈNE, Kevin MARÉCHAL - [6h AUTR]	Q1	9	5	[+]	<b>2</b>
HULG9355-1	<i>Introduction to forest sciences</i> - [15h Ex.]	Q2	22,5	-	[+]	<b>3</b>
HULG9356-1	<i>Introduction to systems analysis</i> - [20h Ex.]	Q1	10	-	[+]	<b>3</b>
HULG9506-1	<i>Soil science and integrated excursions - part B</i> - [30h Ex.]		22,5	-	[+]	<b>3</b>
HULG9358-1	<i>Introduction to biosphere engineering</i>	Q2	60	-	-	<b>5</b>

Choose courses for a total of 18 credits, in one of the two themes offered:

#### Management of natural environments and landscape

ECON2248-1	<i>Environmental economy</i> - Kevin MARÉCHAL	Q1	18	-	-	<b>2</b>
AGRO0001-1	<i>Foundation of agriculture</i> - Benjamin DUMONT - Suppl : Barbara HAUREZ - [4h FT]	Q2	20	-	[+]	<b>2</b>
PAYS0006-2	<i>Landscape ecology concepts</i> - Jan BOGAERT	Q2	12	12	-	<b>2</b>
ENVT0047-1	<i>Ecosystem services and landscapes</i> - Marc DUFRÈNE, Kevin MARÉCHAL - [4h AUTR]	Q2	5	3	[+]	<b>2</b>
SOCI2234-1	<i>Construction of public policies</i> - Laurence LAMBERT	Q2	18	-	-	<b>2</b>

ECON2247-1	<i>Agricultural policy</i> - Philippe BURNY - [4h SEM]	Q2	9	5	[+]	2
DROI0967-1	<i>Rural law</i> - Gaëtan GOISSE	Q2	18	-	-	2
GERE0023-1	<i>Spatial analysis, organisation of grounds in the landscape and preservation of grounds</i> - Gilles COLINET, JeanThomas CORNELIS, Aurore DEGRÉ, Jeroen MEERSMANS, Youri ROTHFUSS - [8h FT]	Q2	23	23	[+]	6

#### Elements of bioengineering and geography

HULG9360-1	<i>Decision tools and farm management (english language)</i> - [7,5h Ex.]	Q2	45	-	[+]	5
HULG9361-1	<i>Forest ecology and phytosociology</i> - [22,5h Ex.]	Q2	37,5	-	[+]	5
HULG9362-1	<i>Forestry field trip</i>	Q2	30	-	-	2
HULG9363-1	<i>Grasslands and rangelands</i> - [15h Ex.]	Q2	22,5	-	[+]	3
HULG9364-1	<i>Rural and health geography</i> - [25h Ex.]	Q2	25	-	[+]	4
HULG9365-1	<i>Land I in geography</i> - [30h Ex.]	Q2	60	-	[+]	4
HULG9366-1	<i>Land II in geography</i> - [30h Ex.]	Q2	60	-	[+]	4

#### Block 2

##### Compulsory courses

HULG9373-1	<i>Rural development project (group project)</i>	-	-	-	-	10
HULG9374-1	<i>Final thesis</i>	-	-	-	-	20

##### Optional courses

Choose one focus from the following :

##### Professional focus in environmental mediation and transition

ENVT3026-1	<i>Social study of science and technology</i> - François MELARD - [24h SEM]	Q1	12	-	[+]	4
ENVT3027-1	<i>Biodiversity management practices</i> - Dorothée DENAYER	Q1	36	-	-	4
ENVT3028-1	<i>Citizen science</i> - François MELARD, Pierre M. STASSART	Q1	36	-	-	4
ENVT3029-1	<i>Public policy and action</i> - Sébastien BRUNET, Patrick STEYAERT	Q1	24	-	-	4
ENVT0040-2	<i>Transitions theory and management, Ecological transitions</i> - Pierre M. STASSART - [12h SEM]	Q1	24	24	[+]	4
ENVT3030-1	<i>Qualitative investigation techniques</i> - Nathalie SEMAL - [30h SEM]	Q1	12	-	[+]	4
ENVT0021-2	<i>Field training : case studies</i> - Dorothée DENAYER, Pierre M. STASSART - [12h SEM, 48h FW]	Q2	9	-	[+]	6

##### Professional focus in geographical Issues and methods

HULG9367-1	<i>Globalisation, development and environment</i> - [30h Ex.]	Q1	30	-	[+]	5
HULG9368-1	<i>Geopolitics of natural resources</i>		30	-	-	5
HULG9369-1	<i>Fundamentals of geographic and environmental modelling (english language)</i> - [30h Ex.]	Q2	30	-	[+]	5
HULG9370-1	<i>Field measurements in geography</i> - [30h Ex.]	Q2	30	-	[+]	5
HULG9371-1	<i>Advanced geo-processing (english language)</i> - [30h Ex.]	Q2	30	-	[+]	5
HULG9372-1	<i>Advanced spatial statistics</i> - [30h Ex.]	Q1	30	-	[+]	5

##### Professional focus in territorial diagnosis and forecasting

GEOG2024-1	<i>Territorial diagnosis workshops and qualitative methods</i> - Part 1 - Serge SCHMITZ - Part 2 - Serge SCHMITZ - [6d FW]	TA	15	25	-	5
			5	20	[+]	
SPOL2319-1	<i>Methods of futurology and strategic analysis</i> - Sébastien BRUNET	Q1	30	-	-	5

GEOG2028-1	<i>Introduction to spatial planning</i> - JeanMarie HALLEUX - [1d FW]	Q1	15	15	[+]	3
GEOG2035-1	<i>Tourism development Strategy</i> - Serge SCHMITZ - [2d FW]	Q1	15	10	[+]	4
GEOG0650-2	<i>Impact studies</i> - Guénaël DEVILLET	Q2	10	20	-	4
GEOG2047-2	<i>Territory project 2</i>	TA				9
	- <i>Ateliers de prospective</i> - Serge SCHMITZ - [6d FW]		15	50	[+]	
	- <i>Séminaire de développement territorial - Chaire Sporck - COLLÉGIALITÉ</i>		15	-	-	

#### Professional focus in information management and analysis

HULG9375-1	<i>Process-based modelling in bioscience engineering (english language)</i> - [15h Ex.]	Q1	30	-	[+]	5
HULG9376-1	<i>Integrated project in information management (english language)</i> - [20h Ex.]	Q1	50	-	[+]	7
HULG9377-1	<i>Elements of Agroecology (english language)</i>	Q1	30	-	-	3
HULG9378-1	<i>Statistical analysis of spatial and temporal data</i> - [15h Ex.]	Q2	22,5	-	[+]	3
HULG9379-1	<i>Environmental diagnosis and indicators</i>	Q2	22,5	-	-	3
HULG9380-1	<i>Spatial modelling of territorial dynamics</i> - [15h Ex.]	Q2	15	-	[+]	3
HULG9381-1	<i>Advanced study in information management</i>	Q2	30	-	-	3
HULG9382-1	<i>Sociology of actors and rural territories</i>		30	-	-	3

#### Professional focus in new forms of agriculture and short supply chains

VEGE0037-1	<i>Innovative system of plant production</i>	Q2				6
	- <i>Urban agriculture</i> - Haissam JIJAKLI		13	13	-	
	- <i>Developmental physiology applied to plant productions</i> - Pierre DELAPLACE - [6h FT]		12	-	[+]	
	- <i>Physical parameters control of plant productions in controlled conditions</i> - Vincent LEEMANS		9	-	-	
PAYS0014-1	<i>Ecological engineering</i> - Jan BOGAERT, Marc DUFRÈNE, Grégory MAHY - [23h FT]	Q1	19	15	[+]	6
PAYS0013-1	<i>Plants and City</i>	Q1				6
	- <i>Agriculture and city</i> - Haissam JIJAKLI - [12h FT]		8	-	[+]	
	- <i>Biodiversity and city</i> - Grégory MAHY		16	-	-	
	- <i>Agriculture et ville : approfondissement</i> - Haissam JIJAKLI - [10h Mon. WS]		-	-	[+]	
	- <i>Biodiversité et ville : approfondissement</i> - Grégory MAHY		8	-	-	
ENVT2052-1	<i>Environmental impact : concepts and methodology</i> - Marc DUFRÈNE - [18h AUTR]	Q1	12	6	[+]	3
ECON2300-1	<i>Analysis of markets and sectors</i> - Philippe BURNY, N...	Q1	-	-	-	9