

### Study programmes 2023-2024

## Faculty of Sciences

## Advanced Master in Environmental Sciences and Management in Developing

Cycle view of the study programme

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This specialised master is only accessible to students enrolled before the academic year 2	022-2023.
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This specialised mas	ster is only accessible to students enrolled before the academic year 2022	2-2023	3.				
Compulsory course	es (B1:33Cr)						
STFE2003-1	Final work	B1	TA	-	-	-	15
Common core co	ourses						
personal career p	sing seminars: presentation of the training and the host institutions, presolans, general introduction to the environmental issue in developing count of the training at the end of the year						
	Statistics applied to the environment: introduction to the statistical approach and aspects of univariate statistics - Laurent LOOSVELDT	B1	Q1	15	15	-	2
ENVT2011-2	Climatology - Louis François	B1	Q1	20	-	-	2
	Integrated management practices and participatory water resources - JeanFrançois Dellège	B1	Q1	12	12	-	2
	Environment management experience in a developing country: one-week study trip to the Kingdom of Morocco - [48h FW]	B1	Q2	-	-	[+]	2
	Sociology of development and the driving forces behind society in developing countries : economic and cultural viewpoints	B1	Q1	24	-	-	2
HULG0483-1	Dynamics of development-environment interactions	B1	Q2	30	-	-	3
HULG0484-1	Climate change: impacts and solutions	B1	Q2	30	-	-	3
HULG0485-1	Human and environmental toxicology	B1	Q2	24	-	-	2
Optional courses (I	B1:27Cr)						
Specialized teach	hing						
Choose, in accor	dance with the Jury, 1 module among: (B1:21Cr)						
"Water and s	oil" module (B1 : 21Cr)						
State - diagno	sis, pressures, impacts						
ENVT2013-3	Quantitative and qualitative characterization of surface and underground water - Joost Wellens - [5h FT]	B1	Q1	18	18	[+]	3
ENVT0065-1	Agrometeorology - Bernard TYCHON	B1	Q1	18	6	-	2
HULG0486-1	Hydrology of tropical zones	B1	Q2	24	-	-	2
ENVT2016-1	Anthropic use and anthropic effect on aquatic environments	B1	Q1	24	-	-	3
Answers: tec	hnical interventions, management and monitoring methods						
HULG0487-1	Soil management and development in warm region - Charles BIELDERS, Bruno DELVAUX	B1	Q2	22	8	-	3
HULG0488-1	Soil erosion and conservation	B1	Q2	20	22	-	3
ENVT3035-1	Wastewater treatment, production of drinking water and recovery of wastewater for irrigation - Hugues Jupsin - [6h FT]	B1	Q1	26	18	[+]	5
"Nature and	territories'' module (B1 : 21Cr)						
State - diagno	osis, pressures, impacts						
ENVT2020-1	Zoogeography, population dynamics	B1	Q2	24	-	-	2
GEOG0040-1	The organisation of urban environments - JeanMarie HALLEUX - [6h SEM]	B1	Q1	15	-	[+]	2
ENVT2027-1	Application of teledetection and geographical information systems	B1	Q1	12	12	-	2

for environmental management



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# Advanced Master in Environmental Sciences and Management in Developing Countries (Registrations are closed)

#### Answers: technical interventions, management and monitoring methods

ENVT2058-1	Tropical ecosystems management - JeanLouis Doucet - [2h SEM]	B1	Q2	12	-	[+]	2
ENVT2023-2	Management of freshwater fish populations - [3d FW]	B1	Q2	12	12	[+]	3
ENVT0064-1	Biodiversity stakes - Alain HAMBUCKERS - [8h FT]	B1	Q1	10	6	[+]	2
ENVT0063-1	Social anthropology of conservation - Part 1: Conservation of biodiversity and sustainable development - Part 2: Analysis of biodiversity conservation projects	B1	Q1 18 -	- 6	- -		3
GEOG0044-1	Land planning in developing countries	B1	Q2	24	-	-	3

[...] In agreement with the jury, chose a course in the 'Management tools' list

#### **Management Tools**

Choose courses, with the approval of the Jury, totalling 6 credits among : (B1:6Cr)

[...] courses in the 'Management tools' list

#### **Management Tools**

ENVT2027-1	Application of teledetection and geographical information systems for environmental management	B1	Q1	12	12	-	2
ENVT0736-2	Development projects management and communication - N, Bernard TYCHON	B1	Q1	12	12	-	2
ENVT2064-1	Conceiving of surveys and survey questions (part) - Thomas DOGOT	B1	Q2	12	-	-	2
ENVT2028-2	Food security and early warning systems	B1	Q1	12	12	-	2
ENVT0028-1	Environmental impact: applications in developing countries	B1	Q1	12	12	-	2
HULG0489-1	Environmental modeling	B1	Q2	24	-	-	2
RISQ2014-2	Introduction to risks and catastrophes in the Anthropocene era, Part 1: A systematic approach - Nicolas DENDONCKER, Pierre OZER	B1	Q1	24	-	-	2
ENVT2063-3	Waste management - Luc MINNE - [6h FT]	B1	Q1	18	-	[+]	2
HULG0490-1	Evaluation of the environmental impact: diagnosis and indicators - Charles BIELDERS, Pierre DEFOURNY	B1	Q2	22,5	-	-	2

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