



CLIM2M

2023 - 2024

CLIM2M - Introduction

Introduction

- 8.4. Concevoir des solutions dans le domaine de la gestion des ressources et de l'aménagement du territoire.
- 8.5 Tester les solutions et évaluer les impacts suivant des objectifs de développement durable.
- 9. Mobiliser les compétences nécessaires pour réaliser un travail de recherche en climatologie.
- 9.1. Comprendre la dynamique de l'atmosphère, de l'océan, et du système climatologique dans son ensemble.
- 9.2. Appréhender les techniques de modélisation du climat, en couvrant les aspects théoriques et techniques.
- 9.3. Savoir analyser et interpréter des données climatiques.
- 9.4. Mener une analyse critique sur des questions liées aux changements climatiques (passés et futurs) et en comprendre et anticiper les impacts sur la société et l'environnement de façon à devenir un acteur responsable dans le monde d'aujourd'hui.

Programme structure

The programme comprises core subjects of 60 credits, 30 credits for the focus and 30 credits for optional subjects.

CLIM2M Programme

Detailed programme by subject

CORE COURSES [90.0]

				Year	
				1	2
⌘ LFILO2003E	Ethics in the Sciences and technics (sem)	Alexandre Guay (compensates Charles Pence) Hervé Jeanmart René Rezsöházy	EX [q2] [15h+15h] [2 Credits] 🌐	x	x
⌘ LTHEO2840	Science and Christian faith	Benoît Bourguine Paulo Jorge Dos Santos Rodrigues	EX [q1] [15h] [2 Credits] 🌐	x	x

o Mémoire (30 credits)

o

				Year	
				1	2
Internship in a professional setting				x	x
⌘ LGEO2250	Mesures de terrain en géographie	Kristof Van Oost	⌘ [q2] [30h+30h] [5 Credits] 		
⌘ LGEO2400	Internship in a professional setting				

RESEARCH FOCUS [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

Content:

o Terrain en géographie (4 credits)

L'étudiant-e choisit au moins un terrain parmi :

⊗ LCLIM2170	Field in climatology 1	Veerle Vanacker	FR [q2] [60h+30h] [4 Credits] ⊕ 🌐 > English-friendly	X	X
⊗ LCLIM2270	Field in climatology 2	Bas van Wesemael	FR [q2] [60h+30h] [4 Credits] ⊙ 🌐	X	X
○ LPHYS2163	Atmosphere and ocean : physics and dynamics	Thierry Fichet François Massonnet	EN [q1] [52.5h+7.5h] [10 Credits] 🌐 > French-friendly	X	
○ LGEO2290	Travaux dirigés de modélisation climatique	Pierre-Yves Barriat Qiuzhen Yin	FR [q9008cm 0 00.5216 rg 32001 0 123.332001 1 1 1 1 1		

Optional courses

OPTIONAL COURSES

- Mandatory
 - ✂ Optional
 - △ Not offered in 2023-2024
 - ⊙ Not offered in 2023-2024 but offered the following year
 - ⊕ Offered in 2023-2024 but not the following year
 - △ ⊕ Not offered in 2023-2024 or the following year
 - Activity with requisites
 - 🌐 Open to incoming exchange students
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CLIM2M - Information

Access Requirements

Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the higher education landscape and the academic organisation of courses.

General and specific admission requirements for this programme must be satisfied at the time of enrolling at the university.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed in this table or on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

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- > [Access based on application](#)
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Specific access requirements

In addition to the access conditions described below, candidates will have to provide proof of a sufficient command of the French language (level B1 of the CEFR, Common European Framework of Reference for Languages).

Students who wish to be admitted on the basis of a dossier (see tables below) are invited to consult the [criteria for the evaluation of application](#).

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
Bachelor in Geography : General		Direct access	
Bachelor in Physics	Si l'étudiant a suivi la Minor in Geography	Direct access	In some cases, the UCLouvain Enrolment Office, after reviewing their online enrolment or re-enrolment application, will ask the students concerned to provide an enrolment authorisation from the faculty/

Diploma	Access	Remarks

Website

<https://uclouvain.be/fr/facultes/sc/geo>

Academic supervisor: Marie-Laurence De Keersmaecker (<https://uclouvain.be/repertoires/marie-laurence.dekeersmaecker>)

Jury

- President: Marie-Laurence De Keersmaecker (<https://uclouvain.be/repertoires/marie-laurence.dekeersmaecker>)
- Secretary and Study advisor: Bas van Wesemael (<https://uclouvain.be/repertoires/bas.vanwesemael>)

Useful Contact(s)

- Administrative manager for the student's annual program: Fatuma Tepatondele (<https://uclouvain.be/repertoires/fatuma.tepatondele>)
- Secretary of the School of geography: Catherine De Roy (<https://uclouvain.be/repertoires/catherine.deroy>)

