

Faculty of Sciences

Postgraduate Studies in Weather and Climate Modeling

Language of instruction: English

Programme version 2

## 1 General Courses

33 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C002871 General Meteorology Pascal Mailier -- Department of Physics and Astronomy <a href="#">Indicative price: unknown</a>	4		1	A:1	110
2	C002870 Dynamic Meteorology Steven Caluwaerts -- Department of Physics and Astronomy <a href="#">Indicative price: € 60</a>	4		1	A:1	110
3	C002873 Physical Meteorology Roeland Van Malderen -- Department of Physics and Astronomy <a href="#">Indicative price: unknown</a>	3		1	A:1	90
4	C002872 Numerical Techniques Daan Degrauwe -- Department of Physics and Astronomy <a href="#">Indicative price: unknown</a>	3		1	A:1	90
5	C002869 Data Assimilation Dominique Fonteyn -- Department of Physics and Astronomy <a href="#">Indicative price: unknown</a>	3		1	A:2	90
6	C002867 Atmospheric Modeling Piet Termonia -- Department of Physics and Astronomy <a href="#">Indicative price: unknown</a>	4		1	A:2	120
7	C002874 Predictability Alex Deckmyn -- Department of Physics and Astronomy <a href="#">Indicative price: unknown</a>	3		1	A:2	90
8	C002866 Air Pollution and Chemical Transport Models (CTM) Clemens Mensink -- Department of Physics and Astronomy <a href="#">Indicative price: € 0</a>	3		1	A:2	90
9	C002875 Remote Sensing Andy Delcloo -- Department of Physics and Astronomy <a href="#">Indicative price: unknown</a>	3		1	A:2	90
10	C002868 Climatology Piet Termonia -- Department of Physics and Astronomy <a href="#">Indicative price: unknown</a>	3		1	A:1	90

### Programme related study costs

Type: Laptop

Name: Laptop

Indicative price: € 700

Optional: No

Fulltime standard learning track year: 1

Additional information: <https://www.ugent.be/we/nl/voor-nieuwe-studenten/laptop>

## Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

## Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2025-2026	f: annually, from 2026-2027	i: annually, from 2027-2028
b: tri-annually	d: bi-annually, from 2025-2026	g: bi-annually, from 2026-2027	j: bi-annually, from 2027-2028
	e: tri-annually, from 2025-2026	h: tri-annually, from 2026-2027	k: tri-annually, from 2027-2028

## Learning materials

The prices stated are indicative and subject to fluctuations.

The list of learning materials per course unit can be found in the course sheets.