

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 <i>Pascal Mailier -- Department of Physics and Astronomy</i>	4		1	A:1	110
2	C002870 Dynamic Meteorology <i>Steven Caluwaerts -- Department of Physics and Astronomy</i>	4		1	A:1	110
3	C002873 Physical Meteorology <i>Roeland Van Malderen -- Department of Physics and Astronomy</i>	3		1	A:1	90
4	C002872 Numerical Techniques <i>Daan Degrauwe -- Department of Physics and Astronomy</i>	3		1	A:1	90
5	C002869 Data Assimilation <i>Dominique Fonteyn -- Department of Physics and Astronomy</i>	3		1	A:2	90
6	C002867 Atmospheric Modeling <i>Piet Termonia -- Department of Physics and Astronomy</i>	4		1	A:2	120
7	C002874 Predictability <i>Alex Deckmyn -- Department of Physics and Astronomy</i>	3		1	A:2	90
8	C002866 Air Pollution and Chemical Transport Models (CTM) <i>Clemens Mensink -- Department of Physics and Astronomy</i>	3		1	A:2	90
9	C002875 Remote Sensing <i>Andy Delcloo -- Department of Physics and Astronomy</i>	3		1	A:2	90
10	C002868 Climatology <i>Piet Termonia -- Department of Physics and Astronomy</i>	3		1	A:1	90

### 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