Study Programme

Academic year 2023-2024

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

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Kroatian/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 in 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 2024-2025	f: annually, from 2025-2026	i: annually, from 2026-2027
b: tri-annually	d: bi-annually, from 2024-2025	g: bi-annually, from 2025-2026	j: bi-annually, from 2026-2027
	e: tri-annually, from 2024-2025	h: tri-annually, from 2025-2026	k: tri-annually, from 2026-2027