

Climate Physics

a quick guide

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1st year programme

Mandatory (23.5 ECTS)

- Dynamical Oceanography (3-4)
- Dynamical Meteorology (1-2)
- Atmospheric Composition and Chemical Processes (1-2)
- Introduction & sessions on Scientific integrity

Secondary electives (0-15 ECTS)

- Geophysical Fluid Dynamics (1) ^a
- Any master course from
- Mathematics, Physics, informatics, ...
 - Geophysics ^b
 - International or other universities ^b

Primary electives (22.5-37.5 ECTS)

- Ocean Waves (1)
- Ice and Climate (2)
- Morphodynamics of Tidal Systems (2) ^c
- Morphodynamics of Wave ... (3) ^c
- Current themes in Climate Change (3-4)
- Turbulence in Fluids (3) ^b
- Wave attractors (4)
- Boundary layers, Transport and Mixing (4)
- Marine Masters Summer Course (July) ^d

^a Permission is required

^b Permission is required if not a deficiency

^c Only one of these two can count as PE

^d 3.75 ECTS

2nd year programme

Research preparation (15 ECTS)

- Simulation of ocean, atmosphere and climate
- Making, Analysing and Interpreting Observations

Master research (44 ECTS)

- a) At one of the IMAU research groups:
- Atmospheric physics and chemistry
 - Coastal oceanography
 - Ice and climate
 - Meteorology
 - Ocean circulation and climate
- b) At KNMI, NIOZ or abroad

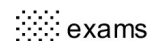
Yearschedule Climate Physics 2019-2020

04/02/2019 00:00

	timeslots	start time	block 1													block 2													block 3													block 4													start time																					
			Sept				Oct					Nov				Dec					Jan				Feb				March					Apr				May					June				July																													
			36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	29																													
Monday	A	09.00	NS-353B Geof. Fluid dynamics													MO427M*: Ice & climate													NS-376B#: Turbulence in fluence hc													MO447M: Wave													attr. hc								09.00													
	A	11.00	NS-353B Geof. Fluid dynamics													MO427M*: Ice & climate													NS-376B#: Turbulence in fluence wc													MO447M: Wave													attr. wc								11.00													
	C	13.15	MO501M: Soac																										MO434M: Current themes climate change													MO434M: current													Pentecost				themes				exam: block 4				13.15									
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	C	17.15																																																					Easter												17.15									
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	D	13.15	MO402M: Dynamical Meteorology													MO402M: Dynam.													meteorology													MO447M: Wave attractors wc																					13.15													
	D	15.15	MO402M: Dynamical Meteorology													MO402M: Dynam.													meteorology													MO450M: Understanding complexity																	MO412M: Boundary layers hc				15.15													
	D	17.15	WISM484: Intr. to Complex Systems													WISM484: Intr. to Complex													Systems																																		17.15													
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* Please note that GEO4-4435 is also scheduled in this time slot

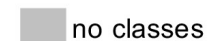
Please note that GEO4-4434 is also scheduled in this time slot



exams



retakes



no classes

Normal program vs profile

More info on profiles will be given on Wednesday

Normal program

- 1st year mandatory: 37.5 EC
- 1st year PE 22.5 – 37.5 EC
- 1st year SE 0 – 15 EC
 - GFD is part of this
- 2nd year mandatory: 15 EC
- 2nd year thesis: 15 + 29 EC

Profile

- 1st year mandatory: 37.5 EC
- 1st year PE 22.5 EC
- 1st year SE 0 EC
 - GFD -> 7.5 EC
- 1st profile courses 15 EC
- 2nd year mandatory: 15 EC
- 2nd year thesis: 15 + 14 EC
- 2nd profile courses/thesis: 15 EC

Where to find information

- It can be a hassle

On courses

- Cursusplanner.uu.nl
 - Quick, quite neat but no official registration
- OSIRIS (osiris.universiteitutrecht.nl)
 - Official registration but not very convenient
- MyTimetable
 - Official schedule website
- There's an app: MyUU
 - Quite convenient for daily affairs
 - **Mid weekly shifts of lecture room**

During courses

- Blackboard (uu.blackboard.com)

Things I didn't mention on 2 September

- It is possible to do sea-going fieldwork for MAIO. This fieldwork would than be during the academic year of 2019-2020. More info will provided once available
- Exchange to another university for courses leads most of the time to a longer study duration. The exception is an exchange with the university of Hamburg and the studies for which provisions are made
 - Integrated Climate System Sciences (ICSS)
 - Ocean and Climate physics
- If interested, contact the master coordinator

Best of luck
*(and feel free to ask
questions)*