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

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* Please note that GEO4-4435 is also scheduled in this time slot

 $^{\rm \#}$ 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
- 22.5 37.5 EC • 1st year PE
- 1st year SE
 - GFD is part of this
- 2nd year mandatory:
- 2nd year thesis:

- 0 15 EC
- 15 EC
 - 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)