

Preliminary Schedule, GEF4310 “Cloud Physics”, Spring 2018

Monday (exercises)	Wednesday (lectures)
(15/1) No class	(17/1) Introduction and descriptive overview of clouds (Ch. 1)
(22/1) No class	(24/1) Thermodynamics (Ch. 2.1 - 2.3)
(29/1) Thermodynamics exercises	(31/1) No class
(5/2) No class	(7/2) Thermodynamics (Ch. 2.4 – 2.5)
(12/2) Thermodynamics exercises	(14/2) Stability & convection (Ch. 3.1.5, 3.2, 3.3 and 4.2)
(19/2) Stability/convection exercises	(21/2) Atmospheric aerosols (Ch. 5)
(26/2) Aerosols exercises	(28/2) No class
(5/3) No class	(7/3) Droplet formation (Ch. 6)
(12/3) Droplet formation exercises	(14/3) Warm cloud microphysics (Ch. 7)
(19/3) Warm cloud microphysics exercises	(21/3) No class
Friday 23/3 Mid-term exam (NOTE: extra Q&A class will be scheduled this week)	
(26/3) No class (Påske)	(28/3) No class (Påske)
(2/4) No class (Påske)	(4/4) Ice nucleation (Ch. 8.1 and 8.2)
(9/4) No class (EGU)	(11/4) No class (EGU)
(16/4) Ice nucleation exercises	(18/4) Cold cloud microphysics (Ch. 8.3 - 8.5)
(23/4) Cold cloud microphysics exercises	(25/4) Precipitation/radar (Ch. 9.1 – 9.4)
(30/4) No class	(2/5) Aerosol/cloud radiative effects (Ch. 11)
(7/5) Precip./radar + radiative eff. exercises	(9/5) Aerosol-cloud interactions (Ch. 12.1 and 12.2)
(14/5) Aerosol/cloud interaction exercises	(16/5) Cloud/climate feedbacks (Ch. 12.3)
(21/5) No class (Pinse)	(23/5) Climate engineering (Ch. 12.4)
Exam week of May 28 – Jun 2	