Reading instructions HESS (11th edition)

NGEA01 2017

The chapters included in the different themes of the course are given below. More detailed information is given by the teacher.

Rocks, soils and geomorphology (C. Akselsson, U. Mårtensson, J. Åkerman): 9, 12-16, 18-19

-30/8 (Cecilia Akselsson, Minerals and rocks): Chapter 13.
-31/8 (Cecilia Akselsson, Weathering and soils): Chapter 12 and the "Weathering" part of chapter 15.
-4/9 (Cecilia Akselsson, Introduction to geomorphology; endogene processes): Chapter 14.
-5/9 (Jonas Åkerman, Glacial processes): Chapter 18.
-6/9 (Jonas Åkerman, Periglacial processes): The last part of chapter 18 (The periglacial environment) and the part in chapter 9 about "Permanent ice - the cryosphere".
-12/9 (Ulrik Mårtensson, Mass movements and fluvial processes): The last part of chapter 15 (mass wasting) and chapter 16.
-13/9 (Ulrik Mårtensson, Erosion and eolian processes): Chapter 19 and parts of chapter 15 (about erosion).
-13/9 (Ulrik Mårtensson, Coastal processes and revision): Not covered by the book.

Climate and hydrology (M-L. Linderson): Chapter 3-9

-4&6/9 (Maj-Lena Lindersson, Climatology; Energy, radiation and temperature): Chapter 3 and 4
-6/9 (Maj-Lena Lindersson, Hydrological cycle, clouds and precipitation): Chapter 6 and part of 9
-27/9 (Maj-Lena Lindersson, Seminar): The chapters from the lectures 4&6/9
-2/10 (Maj-Lena Lindersson, Global circulation and weather systems): Chapters 5 and 7
-4/10 (Maj-Lena Lindersson, Climate change): Chapter 8

Consequences of climate change (A.M. Jönsson): Chapter 11

-6/9 (Anna Maria Jönsson: Climatology; Consequences of climate change):
Chapter 11. Anna Maria will introduce a project work. Which pages that are most relevant depends on which topic you choose. There will be no exam question on this part.