

2022 Starting week – Settlement and language



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Week 32: The first day

Administration

08 August	
09:00-11:00	Welcome Administrative matters
11:00-12:00	Campus tur
12:00-13:00	Lunch
13:00-15:00	Guided tour through Sogndal <ul style="list-style-type: none"> • Public health office • Shopping opportunities • Library • Police
16:30-19:30	Guided tour to the Bøyabreen (Matthias) From ca. 18:00h Dinner at Brevasshytta

Week 32: Rest of the week

Language class and social events

09 August	
09:15-15:00 Afternoon	<ul style="list-style-type: none"> • Crash course in Norwegian • BBQ
10 August	
09:15-15:00	<ul style="list-style-type: none"> • Crash course in Norwegian
11 August	
09:15-15:00	<ul style="list-style-type: none"> • Crash course in Norwegian • International dinner
12 August	
09:15-12:00	<ul style="list-style-type: none"> • Crash course in Norwegian

Exact timing and places will be announced later!

Module 1/2022 – Geological Aspects of Western Norway



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Week 33: Providing the background

Introduction

15 August	08:15 rest of day	02-15	MP	Significance - Semester start/administration (10:00)
16 August	09:15-15:00	02-15	MP	Introduction geology
17 August	09:15-15:00	02-15	MP/MG	Science project; Introduction glacier course
18 August	Entire day	Sognefjell	MP/MG/THD	Sognefjell glacier course
19 August	Entire day	Sognefjell	MP/MG/THD	Sognefjell glacier course

Week 34: Starting in the mountains

Limnology

22 August	Entire day	Field	SS/MP	Austerdalen river sampling
23 August	Entire day	Field	MP/SS/MN	Hafslovatnet water sampling
24 August	08:15-16:00	Bio- & Geolab	SS/MN	Lecture; Analysing river/lake water samples
25 August	08:15-16:00	Bio- & Geolab	SS/MN	Lecture; analysing samples/preparing presentation
26 August	09:00-12:00	02-15	SS/MN	Evaluation: presentation limnology data

Week 35: The fjord realm

Fjord sediment sampling and case studies

29 August	09:15-15:00	02-15	MP	Fjord formation and processes; case study
30 August	Entire day	Field	MP/MN	Fjord sediment, hydrography, biology sampling
31 August	08:15-13:00	Geo- & Biolab	MP	Analysis for science project
01 September	08:15-16:00	Geo- & Biolab	MP/MN	Analysis for science project
02 September	Deadline	Group	MP	Evaluation: proposal science project

Week 36: Understanding regional geology

The Caledonian mountain chain

05 September	09:15-15:00	02-15	MP	Caledonian orogeny, minerals, rocks
06 September	09:15-15:00	02-15	MP	Devonian detachment, minerals, rocks
07 September	Entire day	Field	MP	Caledonian orogeny
08 September	Entire day	Field	MP	Devonian detachment
09 September	12:00-14:00 14:00-20:00	02-15 Field	MN	Introduction beach biology Beach excursion – fjord gradient
Over weekend	Deadline	Group	MP	Evaluation: journal Caledonian

Week 37: Interpreting geological history

Geological mapping at Atløy

12 September	Entire day	Field	MP	Atløy geological history and mapping
13 September	Entire day	Field	MP	Atløy geological history and mapping
14 September	Entire day	Field	MP	Atløy geological history and mapping
15 September	Entire day	Field	MN/MP	Atløy beach excursion (09:00-13:00h)
16 September	Deadline	Group	MP/MN	Evaluation 1: Atløy geological history Evaluation 2: Journal beach excursion & Atløy

Week 38: Geological aspects

Laboratory and evaluation

19 September	08:15-16:00	Geolab	MP	Laboratory science project; exam preparation
20 September	08:15-16:00	Geolab	MP	Laboratory science project; exam preparation
21 September	08:15-16:00	Geolab	MP	Laboratory science project; exam preparation
22 September	09:00-13:00	Exam	MP	Evaluation: multiple choice test 4 hours – 10 ECTS
23 September	Free			

Module 2/2022 – Glaciers and ecology



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Week 39: Introduction glaciers and ecology Glaciers and glacial landforms

26 September	09:15-12:00	02-15	THD	Introduction to glaciology and glacier ecology Glacier mass balance I
27 September	09:15-12:00	02-15	THD	Glacial landforms
28 September	Entire day	Field	THD/KHS	Jostedal: Nigardsbreen and glacier foreland
29 September	Entire day	Field	THD/KHS	Jostedal: Fågerbreen; Austdalsbreen calving glacier
30 September	09:15-12:00	02-15	THD	Glacier mass balance II

Week 40: Free week Enjoy Norway

03 October	FREE			
04 October	FREE			
05 October	FREE			
06 October	FREE			
07 October	FREE			

Week 41: Glaciology Glacier mass balance and dynamics

10 October	09:15-12:00 Afternoon	02-15 Homework	THD	Glacier dynamics Paper assignment
11 October	09:15-12:00 Afternoon	02-15 Homework	THD	Glacier hydrology and thermal regime Paper assignment
12 October	09:15-12:00	02-15	THD	Online glacier model: glacier response to climate change
13 October	Entire day	Field	THD/KHS	Fjærland glacier museum, glacier-lake outburst flood
14 October	Entire day	Homework		Paper projects (group work)

Week 42: Glacial ecology Glacial ecosystems and glacier impact

17 October	14:15-16:00	02-15	THD/AH	Evaluation: paper presentations and discussion
18 October	09:15-12:00	02-15	AH	Glacier ecosystems & bio-geochemistry
19 October	09:15-12:00	02-15	AH	Proglacial hydrology
20 October	09:15-12:00	02-15	AH	The role of glaciers for downstream ecosystems
21 October	Entire day	Homework		The role of glaciers for downstream ecosystems

Week 43: Glaciers and ecology Evaluation

24 October	Entire day	Homework		Exam preparation
25 October	10:15-12:00	02-15	THD/AH	Q&A session
26 October	Entire day	Homework		Exam preparation
27 October	09:00-13:00	Exam	THD/MP	Evaluation: written exam 4 hours – 10 ECTS
28 October	Free			

Module 3/2022 – Fjord processes



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Week 44: Fjord hydrography

Abiotic factors

31 October	09:15-12:00 12:15-13:00	02-15 02-15	MN	Introduction; Physical characteristics of fjords How to write a blog text
01 November	10:15-12:00 12:15-15:00	02-15 02-15	MN	Water current systems in general Computer lab: Analyses of fjord hydrographic data
02 November	10:15-12:00 12:15-13:00	02-15 02-15	MN	Ice, sound and light Paper seminar
03 November	10:15-12:00 12:15-13:00	02-15 02-15	MN	Fjord chemistry and nutrients Paper seminar
04 November	Entire day	Bergen	MN,MP	Natural History Museum in Bergen

Week 45: Fjord biology

Fjord biodiversity and food webs

07 November	10:15-12:00 12:15-13:00	02-15 02-15	MN	Microorganisms and primary producers Paper seminar
08 November	10:15-12:00 12:15-14:00	02-15 02-15	MN	Primary producers and food webs Paper seminar
09 November	10:15-12:00 12:15-14:00	Excursion	MN	Visit Skjer aquaculture station (two groups)
10 November	10:15-12:00 12:15-13:00	02-15 02-15	MN	Anthropogenic impacts and pollution Paper seminar
11 November	10:15-12:00 12:15-13:00	02-15 02-15	MN	Climate change and management Paper seminar
	15:00	Individual	MN	Deadline "draft" blog text

Week 46: Fjordology

Evaluation

14 November	10:15-14:00	02-15	MN	"Blog café" and course evaluation (midway)
	20:00	Individual	MN	Deadline final blog text
15 November	Entire day		MN	Exam preparation
16 November	Entire day 12:15-13:00	02-15	MN	Exam preparation "Oracle hour"
17 November	Entire day		MN	Exam preparation
18 November	09:00-11:00	Exam	MN	Evaluation: multiple choice 2 hours – 40% of 10 ECTS

Week 47: Laboratory week

Finalisation of science project work

21 November	Entire day	Geo lab	MP,MN	Laboratory science project
22 November	Entire day	Geo lab	MP,MN	Laboratory science project
23 November	Entire day	Geo lab	MP,MN	Laboratory science project
24 November	Entire day	Geo lab	MP,MN	Laboratory science project
25 November	Entire day	Geo-la	MP,MN	Laboratory science project

Week 48: Final excursion**Hoddevik and seminar preparation**

28 November	Entire day	Field	MP	Hoddevik
29 November	Entire day	Field	MP	Måløy
30 November	Entire day	02-15	MP,MN	Seminar preparation
01 December	Entire day	02-15	MP,MN	Seminar preparation
02 December	Entire day	02-15	MP,MN	Seminar preparation

MN Marianne Nilsen, MP Matthias Paetzel

Week 49: Science project**Seminar preparation**

05 December	Entire day	02-15	MP,MN	Seminar preparation
06 December	Entire day	02-15	MP,MN	Seminar preparation
07 December	Entire day	02-15	MP,MN	Seminar preparation
08 December	Entire day	02-15	MP,MN	Seminar preparation
09 December	Entire day	Josten	MP,MN	Seminar preparation

Week 50: Public seminar**Final presentation (public seminar) and final event**

12 December	09:00-15:00	Josten	MP,MN	Evaluation: public seminar – 60% of 10 ECTS
13 December	Administration			Signatures; preparing the final event
14 December	Administration			Signatures; preparing the final event
15 December	18:30-open end	Cantina	MP, all	FINAL EVENT*
16 December	Last day			End of From Mountain to Fjord 2021

***Final event 2022**

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Week 50: Thursday 15 December**Final event**

All "From Mountain to Fjord" students, associated buddies, teachers, and staff are invited to the traditional "Final Event"	
Where	Cantina main building
When	15 December at 18:30h (6:30pm)
Schedule	18:30-19:00 Aperitif 19:00-20:30 Christmas dinner 20:30-21:45 The Final Lecture 21:45-22:15 Christmas desert 22:15-22:45 Presentation of the diplomas Official closure of From Mountain to Fjord 2022 From 22:45 Final party to be organised by the students: being together, memorizing, showing pictures, showing videos, singing, dancing, whatever you like

MG Mette Gillespie, MN Marianne Nilsen, MP Matthias Paetzel, SS Stefan Stoll, THD Thorben Dunse