

## Sedimentary Systems (GG4208), Autumn 2023

Day	Date	Time		Room	Teacher	Activity	Topic	Chapter
<b>Week 35</b>								
Monday	28-Aug	9.00	9.45	U13	Malin Kylander	Lecture	Course information, review of sedimentary systems, introduction to course assignment	1 to 3
		10.00	10.45					
		11.00	11.45					
		13.00	17.00					
Self study: Kinnekulle poster assignment								
Tuesday	29-Aug	9.00	9.45	U13	Malin Kylander	Workshop	Kinnekulle poster assignment: first impressions	1 to 3
		10.00	10.45			Lecture	Weathering and particles	
		11.00	11.45			Lab	Grain size analysis	
		13.00	17.00	R117				
Wednesday	30-Aug	10.00	10.45	U13	Malin Kylander	Lecture	Particle transport and deposition	4, 5 and 12 to 16
		11.00	11.45			Lab	Flume lab	
		13.00	17.00	U14				
Thursday	31-Aug	10.00	10.45	U13	Tim Topper	Lecture	Sedimentary structures, stratigraphy and dating	4, 5 and 12 to 16
		11.00	11.45	U13		Exercise	Stratigraphy exercise	
Friday	1-Sep	10.00	10.45	U13	Tim Topper	Lecture	Siliclastic sedimentary rocks	4, 5 and 12 to 16
		11.00	11.45			Exercise	Hand specimens and and microscope views	
<b>Week 36</b>								
Monday	4-Sep	9.00	9.45	U13	Malin Kylander	Lecture	Rivers, lakes and deserts	8 to 9
		10.00	10.45					
		11.00	11.45					
		13.00	17.00					
Self study: Kinnekulle poster assignment								
Tuesday	5-Sep	10.00	10.45	U13	Richard Gyllencreutz	Lecture	Glacial sediments and environments	6, 7 and 11
		11.00	11.45	U13		Exercise	Glacial sediments and environments	
		13.00	17.00	U13				
Wednesday	6-Sep	10.00	10.45	U13	Richard Gyllencreutz	Lecture	Siliclastic marine sediments, deep sea sediments and contourites	6, 7 and 11
		11.00	11.45			Exercise	Deep marine sediments and the CCD	
		13.00	17.00	U13				
Thursday	7-Sep	10.00	10.45	U13	Christophe Dupraz	Lecture	Marginal and shallow marine sediments and sedimentary rocks	6, 7 and 11
		11.00	11.45			Exercise	Marginal and shallow marine environments and sediments	
		13.00	17.00	U28				
Friday	8-Sep	10.00	10.45	U13	Christophe Dupraz	Lecture	Carbonate rocks and environments	6, 7 and 11
		11.00	11.45			Exercise	Carbonate rocks and environments	
		13.00	17.00	U13				
<b>Week 37</b>								
Monday	11-Sep	10.00	10.45	U13	Wei-Li Hong	Lecture	Diagenesis, burial and metamorphism of sedimentary rocks	6, 7 and 11
		11.00	11.45			Exercise	Diagenesis, burial and metamorphism of sedimentary rocks	
		13.00	17.00	U13				
Tuesday	12-Sep	10.00	10.45	U13	Richard Gyllencreutz	Lecture	Sedimentary basins	12 to 16
Lunch Tuesday-Friday	12-15 Sep	Field trip			Tim Topper, Malin Kylander and Richard Gyllencreutz		Västergötland	
<b>Week 38</b>								
Monday-Tuesday	18-19 Sep	Self study: Kinnekulle poster assignment and preparation for final exam						
Wednesday	20-Sep	Self study: <b>Poster Submission by 20.00</b> , Preparation for final exam						
Thursday	21-Sep	Self study: Preparation for final exam						
Friday	22-Sep	9.00	TBD	U13	Malin Kylander	Workshop	Kinnekulle conference, Question period for exam	
<b>Week 39</b>								
Monday-Tuesday	25-26 Sep	Self study: Preparation for final exam						
Wednesday	27-Sep	9.00	13.00	U13	<b>Final exam</b>			

### Teachers:

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### Compulsory course text book:

Boggs  
 Principles of Sedimentology and Stratigraphy  
 (International version)

**Course coordinator:** Malin Kylander