

# SCHEDULE FOR LK0412 (masters) & LK0401 (bachelors) | *Climate Change Courses* | 2024

This schedule will be updated during the following weeks. Larger changes during the course will be brought to your attention through Canvas.

*Schedule is preliminary – latest revision 2023-12-18 IB*

	Time	Activity	Teacher	Room	Preparations
<b>Week 3</b>					
15-Jan Monday	13.00- 16.00	Introduction to course	IB KB AW MW	Articum 3	
16-Jan Tuesday	10.00-12.00	Intro to Climate Change	IB AW	Articum 3	<i>Holden Ch. 7</i>
	13.00- 16.00	How we know about Climate Change (exercise)	IB AW	Articum 3	<i>UCAR website: history of Climate Science Research; Pick one event to highlight in discussion</i>
17-Jan Wednesday		Reading day			
18-Jan Thursday	10.00-12.00	Global Atmosphere and Energy, Atmospheric Circulations	IB	Crafoordsalen (Note room)	<i>Youtube Videos, Holden Ch. 6.1-6.6, 6.9</i>
19-Jan Friday	10.00-12.00	Ocean Circulation and water cycle	IB	Articum 3	<i>Youtube Videos, Ch. 3.3-3.4, 3.7-3.8, 6.7-6.8</i>
<b>Week 4</b>					
22-Jan Monday	10.00-12.00	Global Climate Zones and Weather	IB	Crafoordsalen (Note room)	<i>Youtube Videos, Holden Ch. 8.1- 8.3.1, 8.7, (skim rest of Ch. 8)</i>
23-Jan Tuesday	10.00-12.00	Global carbon cycle	IB	Articum 3	<i>NASA website on Carbon Cycle</i>
	13.00-14.30	Carbon in peatlands – a research study			<i>Buffam et al. 2010</i>
24-Jan Wednesday	10.00- 12.00	Local Climate & Urban Heat	KB AW	Articum 3	<i>Holden Ch. 9.1, 9.3-9.4 (optional: Holden Ch. 9.2), Readings</i>
25-Jan Thursday	10.00- 12.00	Reading Day			<i>Submit review questions for tomorrow's review session.</i>
26-Jan Friday	10.00-12.00	Review Session	IB	ZOOM (Digital only)	
<b>Week 5</b>					
29-Jan Monday	9.00-12.00 (Note time)	<b>EXAM #1 - Climatology and Climate Change Science</b>	IB AW	Articum 3	

30-Jan Tuesday	10.00-12.00	Intro to mitigation	IB	Articum 3	<i>Fawzy 2020, C40 Cities 2014, Youtube Videos, Guardian Article</i>
	13.00-16.00	EnRoads Exercise - Planning	AW	Articum 3	<i>Videos on Paris Agreement</i>
31-Jan Wednesday	10.00-12.00	EnRoads Exercise - Sharing	AW	Articum 3	
1-Feb Thursday	10.00-12.00	Climate Change and Biodiversity	CH AW	Articum 3	<i>Bellard et al. 2012 (p. 365-368), IPBES-IPCC 2021 (p. 14-23)</i>
	13.00-15.00	Exercise on Köppen, range shifts	IB CH		
2-Feb Friday	10.00-12.00	Climate Change – Impacts and Risks	KB AW	Articum 3	<i>EU book Ch. 2 IMPACTS</i>
<b>Week 6</b>					
5-Feb Monday	10.00-12.00	Intro to Adaptation	IB	Articum 3	<i>EU book Ch. 3 Adaptation measures</i>
	13.00-15.00	Mid-term course feedback and Project Introduction		Articum 3	
6-Feb Tuesday	10.00-12.00	Adaptation to urban heat stress	KB	Articum 3	<i>Lindberg et al. 2016</i>
	13.00-14.00	Review of Exam #1	IB		
7-Feb Wednesday	10.00-12.00	Climate Change strategies with vegetation	JDS	Articum 3	<i>Readings</i>
8-Feb Thursday	10.00-12.00	Storm water management – lecture	AK	Articum 3	<i>Qiao et al. 2018, delPietri &amp; McPherson 2017</i>
	13.00-16.00	Storm water management – workshop	AK	Articum 3	
9-Feb Friday	10.00-12.00	Climate Change Adaptation Project – Flood Modeling - Intro	AH SW	Articum 3	<i>Youtube video, Guardian video</i>
	13.00-16.00	Climate Change Adaptation Project – Flood Modeling - Exercises	AH SW	Magasinet A-C (Note room)	
<b>Week 7</b>					
12-Feb Monday	10.00-16.00	Climate Change Adaptation Project – Flood Modeling - Exercises	AH SW	Ladan (Note room)	
13-Feb Tuesday	8.00-18.00	<b>FIELD TRIP - VELLINGE/FALSTERBO – Coastal Erosion, Adaptation and Blue-Green Infrastructure</b>	IB AW KB BA	<b>MEET 8.00 AT BOBO'S HJÄRTA, SLU</b>	<i>Coastal Dynamics Textbook chapters, Fredriksson 2018, Youtube Videos</i>
14-Feb Wednesday		Reading Day			
	10.00-12.00	Climate Change and Ethics – part 1	EP KB	Articum 3	<i>Hayward 2012</i>

15-Feb Thursday	13.00-16.00	(masters only) Climate Change and Ethics – part 2 (masters only)	EP KB	Articum 3	<i>Persson 2021</i>
16-Feb Friday	10.00-12.00	Decision making – part 1	AnnikaW IB	Articum 3	<i>Wallin 2008</i>
<b>Week 8</b>					
19-Feb Monday	10.00-12.00	Decision making – part 3 (masters only)	KB	Articum 3	<i>Blennow 2021 and Video</i>
20-Feb Tuesday	9.00-12.00	FIELD TRIP – Blue-Green Infrastructure in Augustenborg (Malmö)	AW MW KB	Meet at SGRI, Malmö	
21-Feb Wednesday		Reading day			<i>Submit questions for tomorrow's review session</i>
22-Feb Thursday	10.00-12.00	Review	IB KB	ZOOM (Digital only)	
23-Feb Friday	9.00-12.00 (Note time)	<b>EXAM #2 – impacts, mitigation, adaptation, communication</b>	<b>KB AW</b>	<b>Articum 3</b>	
<b>Week 9</b>					
26-Feb Monday	10.00-12.00	Project Kick-off, Q&A	IB	Articum 3	
27-Feb Tuesday		Project Day – Group Work			<i>Submit short project proposal by end of day</i>
28-Feb Wednesday	10.00-12.00	Short presentations by local researchers working on climate change issues	TE AL OTHERS	Articum 3	<i>Read peer group project proposal and prepare questions and suggestions, by end of day.</i>
29-Feb Thursday	9.00-12.00 (Note time)	Supervision/feedback on Project Idea	IB AW	Articum 3	
	13.00-14.00	Review of Exam #2	IB	Articum 3	
1-Mar Friday		Project Day – Group Work	IB AW		
<b>Week 10</b>					
4-Mar Monday		Project Day – Group Work			<i>Annotated bibliography (masters) or citation list (bachelors) due.</i>
5-Mar	Throughout	Feedback on Project Progress, and Project	IB AW	Wisteria,	<i>Make appointment to meet with instructor on Tues or Weds</i>

Tuesday	day	Day – Group Work	MW	Slottet (Note room)	<i>to get feedback and discuss project progress so far.</i>
6-Mar Wednesday	Throughout day	Feedback on Project Progress, and Project Day – Group Work	IB AW MW	Wisteria, Slottet (Note room)	<i>Make appointment to meet with instructor on Tues or Weds to get feedback and discuss project progress so far.</i>
7-Mar Thursday		Project Day – Group Work			
8-Mar Friday		Project Day – Group Work			
<b>Week 11</b>					
11-Mar Monday		Project Day – Group Work			<i>Draft Papers due</i>
12-Mar Tuesday		Project Day –Prepare Presentation and Comments on another Group’s Paper			<i>Comments on Another Group’s Paper due by 17.00</i>
13-Mar Wednesday		Project Day –Prepare Presentation			
14-Mar Thursday	10.00-12.00	<b>Project Presentations (Masters students)</b>	KB IB	Articum 3	
	13.00-16.00	<b>Project Presentations (Masters students)</b>	KB IB	Articum 3	
15-Mar Friday		Project Day – Group Work / Larkdagen			
<b>Week 12</b>					
18-Mar Monday	10.00-12.00	<b>Project Presentations (Bachelors students)</b>	IB AW	Articum 1 (note room)	
	13.00-14.30	<b>Wrap-up: Synthesis and Course Feedback, Fika</b>	IB AW MW KB	Articum 1 (note room)	<i>Final papers due</i>
19-Mar Tuesday	Free Day (Re-Exam for those that need it)				

<b>Core teaching team</b>	
IB	Ishi Buffam – course leader, examiner
KB	Kristina Blennow, co-teacher
AW	Anton Wallenstad, teaching assistant
MW	Matti Wilson, teaching assistant

<b>Guest lecturers</b>	
CH	Christine Haaland
AK	Anders Kristoffersson
AH	Abdulghani Hasan
SW	Scott Wahl
Annik aW	Annika Wallin, Lund U.
EP	Erik Persson, Lund U.
MR	Markku Rummukainen
JDS	Johanna Deak Sjöman
TE	Tobias Emilsson
AL	Anna Levinsson

**Class Rooms (All on SLU Alnarp campus):**

Articum 3 – Articum ([Google Maps](#))  
 Articum 1 – Articum  
 Crafoordsalen, Navet/Articum  
 Magasinet A-C, Computer Lab - Alnarpsgården (2<sup>nd</sup> floor)  
 Ladan Computer Lab – Alnarpsgården (1<sup>st</sup> floor, Library)  
 Akvariet Computer Lab – Alnarpsgården (2<sup>nd</sup> floor)