

# SCHEDULE FOR LK0412 (masters) & LK0401 (bachelors) | *Climate Change Courses* | 2025

*This schedule may continue to undergo some small changes. Larger changes during the course will be brought to your attention through Canvas.*

*Latest revision 2025-12-20 IB*

	Time	Activity	Teacher	Room	Preparations
<b>Week 4</b>					
20-Jan Monday	13.15- 16.00	Introduction to course	IB KB AW	Articum 3	
21-Jan Tuesday	9.15-12.00	Intro to Climate Change	IB AW	Articum 3	<i>Holden Ch. 7, Youtube video on IPCC report, (optional: IPCC summary report: WGI: Physical Science Basis)</i>
	13.15- 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>
22-Jan Wednesday		Reading day			
23-Jan Thursday	9.15-12.00	Global Atmosphere and Energy, Atmospheric Circulations	IB	Articum 3	<i>Youtube Videos, Holden Ch. 6.1-6.6, 6.9, Pre-recorded Lecture</i>
24-Jan Friday	9.15-12.00	Ocean Circulation and water cycle	IB	Articum 3	<i>Youtube Videos, Ch. 3.3-3.4, 3.7-3.8, 6.7-6.8, Pre-recorded Lecture</i>
<b>Week 5</b>					
27-Jan Monday	9.15-12.00	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), Pre-recorded Lecture</i>
	13.15-15.00	Global carbon cycle	IB	Articum 3	<i>NASA website on Carbon Cycle, Pre-recorded Lecture</i>
28-Jan Tuesday	9.15-12.00	Climate Change and Biodiversity	CH	Articum 3	<i>Bellard et al. 2012 (p. 365-368), IPBES-IPCC 2021 (p. 14-23), Global Biodiversity Framework 2022 (p. 1-2)</i>
	13.15-16.00	Exercise: Köppen Climate Zones	AW CH	Articum 3	<i>(optional/supplementary: Holden ch. 10.4, Holden ch. 13)</i>
29-Jan Wednesday	9.15- 12.00	Local Climate & Urban Heat	KB AW	Articum 3	<i>Holden Ch. 9</i>
30-Jan Thursday	10.00-12.00 (note time)	Review Session	IB	<b>ZOOM (Digital only)</b>	<i>Submit review questions for today's review session.</i>
31-Jan Friday	9.00-12.00 (Note Time)	<b>EXAM #1 - Climatology and Climate Change Science</b>	IB AW	Articum 3	Bring ID with you for the first exam!
<b>Week 6</b>					

3-Feb Monday	13.15-16.00	Climate Change – Impacts and Risks	KB AW	Articum 3	<i>EU book Ch. 2 Impacts IPCC Report WGII: ImpactsRisksAdapations p.1-19</i>
4-Feb Tuesday	9.15-12.00	Climate Change and Ethics – part 1	KB EP	Terra Nova (note room)	<i>Hayward 2012</i>
	13.15-16.00	Climate Change and Ethics – part 2	KB EP	Articum 3	<i>Persson 2021</i>
5-Feb Wednesday	<i>Reading Day</i>				
6-Feb Thursday	9.15-12.00	Decision making	KB	Articum 3	<i>Blennow 2021 and Video</i>
	13.00-15.00	Showing of Movie: “Merchants of Doubt” in Crafoordsalen (optional)	AW	Crafoordsalen	
7-Feb Friday	9.15-12.00	Climate Change mis- and dis-information	AW IB	Articum 3	<i>SRC 2023: AI and Climate misinformation; View Merchants of Doubt movie</i>
<b>Week 7</b>					
10-Feb Monday	9.15-12.00	Intro to mitigation	IB	Articum 3	<i>Fawzy 2020, C40 Cities 2014, Youtube Videos, Pre-Recorded Lecture</i>
	13.15-16.00	EnRoads – Global Exercise - Planning	IB AW	Articum 3	<i>Guardian Article, (optional: IPCC report, WGIII: Mitigation)</i>
11-Feb Tuesday	9.15-12.00	EnRoads – Global Exercise - Sharing	IB AW	Articum 3	<i>Submit EnRoads plan summary and share plan with class.</i>
	13.15-15.30	Individual Climate Action (Guest Lecture)	KN IB	Articum 3	<i>Nielsen et al. 2021</i>
12-Feb Wednesday	9.15-11.00	Intro to Adaptation	IB	Articum 3	<i>EU book Ch. 3 Adaptation measures, IPCC Report WGII: ImpactsRisksAdapations p.20-33, Pre-Recorded Lectures</i>
	11.00-12.00	Course mid-term feedback/discussion	IB	Articum 3	
13-Feb Thursday	<b>8.15-10.45 (note time)</b>	Coastal Erosion, Adaptation and Blue- Green Infrastructure	BA IB AW	Articum 3	<i>Coastal Dynamics Textbook chapters, Fredriksson 2018, Youtube Videos</i>
	<b>11.00-18.00</b>	<b>FIELD TRIP - VELLINGE/FALSTERBO – Coastal Erosion, Adaptation and Blue- Green Infrastructure</b>	<b>BA IB AW KB</b>	<b>MEET 11.00 AT BOBO’S HJÄRTA, SLU</b>	<i>Bring packed lunch and clothes adapted to weather outside.</i>
14-Feb Friday	<i>Reading Day</i>				
<b>Week 8</b>					
17-Feb Monday	9.15-12.00	Adaptation to urban heat stress	KB	Articum 3	<i>Lindberg et al. 2016</i>
	13.15-16.00	Exercise: Modeling Urban Heat	KB AH	Ladan, Stallet (Note Rooms)	
18-Feb Tuesday	9.15-12.00	Storm water management – lecture	AK	Articum 3	<i>Qiao et al. 2018, delPietri &amp; McPherson 2017</i>
	13.15-16.00	Storm water management – exercises	AK	Articum 3	

19-Feb Wednesday	Reading Day				
20-Feb Thursday	9.15-10.00	Flood Modeling (Guest Lecturer)	AH AW	Articum 3	<i>Youtube video, Guardian video</i>
	10.15-12.00	Flood Modeling – Intro to Exercises	AH AW	Olympen A+B (Note Room)	
	13.15-16.00	Flood Modeling - Exercises	AH AW	Olympen A+B	
21-Feb Friday	9.15-16.00	Flood Modeling – Exercises (on own time)	AH AW	Olympen A+B	
<b>Week 9</b>					
24-Feb Monday	10.00-12.00 <i>(note time)</i>	Review	IB KB	<b>ZOOM (Digital only)</b>	
25-Feb Tuesday	9.00-12.00 <b>(Note time)</b>	<b>EXAM #2 – impacts, mitigation, adaptation, communication</b>	IB AW	Articum 3	
26-Feb Wednesday	9.00-12.00	FIELD TRIP – Blue-Green infrastructure in Malmö, Bicycle Trip (half of class)	AW	Meet at Malmö C	
27-Feb Thursday	8.00-17.00	FIELD TRIP – Blue-Green infrastructure in Copenhagen (half of class)	AW IB	Meet at Malmö C	<i>Submit Group Contract</i>
28-Feb Friday	9.15-11.00	Tree Species Selection under Challenging Climate Conditions (Guest Lecture)	HS AW	Articum 3	<i>Readings – To Be Determined</i>
	11.15-12.00	Urban Vegetation for Climate Adaptation in Practice – Helsingborg (Guest Lecture)	SH AW	Articum 3	
	13.15-16.00	Workshop – Tree Species/Community Selection	HS AW SH	Articum 3	
<b>Week 10</b>					
3-Mar Monday	9.15-12.00	Project Kick-off, Q&A	IB	Articum 3	
4-Mar Tuesday	Project Day – Group Work				<i>Submit short project proposal by end of day</i>
5-Mar Wednesday	Project Day – Group Work				<i>Read peer group project proposal and prepare questions and suggestions, by end of day.</i>
6-Mar Thursday	9.15-12.00	Supervision/feedback on Project Idea	IB KB AW	Articum 3	
7-Mar	Project Day – Group Work				

Friday					
<b>Week 11</b>					
10-Mar Monday	9.15-10.30	Review of Exam #2	IB KB	Articum 3	
11-Mar Tuesday	Project Day – Group Work				
12-Mar Wednesday	Throughout day	Group Work / Feedback on Project Progress	IB AW	Wisteria, Slottet (Note room)	<i>Make appointment to meet with instructor on Weds or Thurs to get feedback and discuss project progress so far.</i>
13-Mar Thursday	Throughout day	Group Work / Feedback on Project Progress	IB AW	Krolliljan (Note Room)	<i>Make appointment to meet with instructor on Weds or Thurs to get feedback and discuss project progress so far.</i>
14-Mar Friday	Project Day – Group Work				
<b>Week 12</b>					
17-Mar Monday	Project Day – Group Work				<i>Draft Papers due</i>
18-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>
19-Mar Wednesday	9.15-12.00	Project Presentations	KB IB AW	Articum 3	
20-Mar Thursday	9.15-12.00	Project Presentations	KB IB AW	Articum 3	
20-Mar Thursday	13.15-16.00	Project Presentations	KB IB AW	Articum 3	
21-Mar Friday	9.15-12.00	Project Presentations	KB IB AW	Articum 3	
21-Mar Friday	13.15-15.00	Wrap-up: Synthesis and Course Feedback, Fika	IB AW KB	Articum 3	
<b>Week 12</b>					
24-Mar Monday	Free Day / Project Day – Group Work				<i>Final papers due by end of day</i>

**Core teaching team**

IB Ishi Buffam – course leader,  
examiner

KB Kristina Blennow, co-teacher

AW Anton Wallenstad, teaching  
assistant

**Guest lecturers**

CH Christine Haaland

AK Anders Kristoffersson

AH Abdulghani Hasan

EP Erik Persson, Lund U.

KN Kimberly Nicholas, Lund U.

HS Henrik Sjöman

SH Sofia Hallin, Helsingborg Kommun

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

Articum 3 – Articum ([Google Maps](#))

Crafoordsalen, Navet/Articum

Olympen A+B, Computer Lab - Alnarpsgården

Ladan Computer Lab – Alnarpsgården

Stallet Computer Lab – Alnarpsgården

Wisteria – Slottet, 2<sup>nd</sup> floor east

Krolliljan Group Room - Articum