

SCHEDULE FOR LK0401 | *Climate Change – Effects on the Landscape and Potential Solutions* | 2022

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

Schedule is preliminary – latest revision 2022-01-12 KC

| | TIME | ACTIVITY | TEACHER | ROOM |
|---------------------|------------|------------------------------|----------|------|
| WEEK 3 | | | | |
| 17-Jan Monday | 9.30-12.00 | Introduction of the course | IB KB KC | Zoom |
| 18-Jan Tuesday | 9.30-12.00 | Intro to Climate Change | IB KC | Zoom |
| 19-Jan Wednesday | | Reading Day | | |
| 20-Jan Thursday | 9.30-12.00 | Global Atmosphere and Energy | IB KC | Zoom |
| 21-Jan Friday | 9.30-12.00 | Atmospheric Circulations | IB KC | Zoom |

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| WEEK 4 | | | | |
| 24-Jan Monday | 9.30-12.00 | Ocean Circulation and Water Cycle | IB KC | Zoom |
| 25-Jan Tuesday | 9.30-12.00 | Global Climate Zones and Weather | IB KC | Zoom |
| | 13.00-16.00 | Köppen exercise | IB KC | |
| 26-Jan Wednesday | | Reading Day | | |
| 27-Jan Thursday | 9.30-11.30 | Projected Future Climate, and what can we do about CC, Q&A | MR IB | Zoom |
| | 13.00-16.00 | Köppen exercise – presentations | IB KC | Zoom |
| 28-Jan Friday | 9.30-12.00 | Carbon cycling | IB KC | Zoom |

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| WEEK 5 | | | | |
| 31-Jan Monday | 9.00-12.00 | Past climate, and how do we know about climate change? | IB KC | Zoom |
| 1-Feb Tuesday | 9.00-12.00 | Local climate | IB | Zoom |
| 2-Feb Wednesday | 9.00-12.00 | Group review | IB | Zoom |
| 3-Feb Thursday | 9.00-12.00 | Self-study – instructors available | IB | Zoom |
| 4-Feb Friday | 9.00-12.00 | Exam #1 – Physical geography and climatology | IB KC | Terra Nova |

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| WEEK 6 | | | | |
| 7-Feb Monday | 9.00-12.00 | Intro to impacts | IB KC | |
| 8-Feb Tuesday | 9.00-12.00 | Climate Change and Biodiversity | CH | |
| 9-Feb Wednesday | 9.00-10.00 | EN-ROADS exercise - introduction | KC | |
| 10-Feb Thursday | 9.00-12.00 13.00-16.00 | Intro to mitigation EN-ROADS – group work | IB | |
| 11-Feb Friday | 10.00-12.00 | EN-ROADS – feedback and discussion | IB KC | |

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| WEEK 7 | | | | |
| 14-Feb Monday | 9.00-12.00 | Intro to adaptation | IB KC | |
| 15-Feb Tuesday | 9.00-11.30 | Storm water management – lecture | AK | |
| | 13.00-14.30 | Storm water management – workshop | AK | |
| 16-Feb Wednesday | 9.00-12.00 | Sea level rise – part 1 | BA IB KC | |
| 17-Feb Thursday | 9.00-12.00 | Sea level rise – part 2 | BA IB | |
| | 13.00-16.00 | Sea level rise - workshop | BA IB KC | |
| 18-Feb Friday | 9.00-12.00 | Decision making – part 1 | AW | |

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| WEEK 8 | | | | |
| 21-Feb Monday | 9.00-12.00 | Climate Change and ethics | EP KB KC | |
| 22-Feb Tuesday | | Global solutions project | | |
| 23-Feb Wednesday | | Global solutions project | | |
| 24-Feb Thursday | | Global solutions project | | |
| 25-Feb Friday | | Global solutions project | | |

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| WEEK 9 | | | | |
| 28-Feb Monday | 9.00-12.00 | Review before exam | IB KC | |
| 1-Mar Tuesday | | Self-study | | |
| 2-Mar Wednesday | 9.00-12.00 | EXAM #2 – impacts, adaptations, communication | KB KC | |
| 3-Mar Thursday | 9.00-12.00 | Intro to solutions | IB | |
| | 13.00-16.00 | ESTER - exercise | IB | |
| 4-Mar Friday | 8.00-17.00 | Field trip | IB KC | |

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| WEEK 10 | | | | |
| 7-Mar Monday | 9.00-10.00 | Blue-green infrastructure in research | AL KC | |
| | 10.30-12.00 | Climate change and trees in urban conditions | GN KC | |
| | 13.00-15.00 | | | |
| 8-Mar Tuesday | 9.00-16.00 | Project day – group work | | |
| 9-Mar Wednesday | 9.00-16.00 | Project day – group work | | |
| 10-Mar Thursday | 9.00-16.00 | Project day – group work | | |
| 11-Mar Friday | 9.00-12.00 | Project day – feedback | IB | |
| | 13.00-16.00 | Project day – group work | | |

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| WEEK 11 | | | | |
| 14-Mar Monday | 9.00-16.00 | Project day – group work | | |
| 15-Mar Tuesday | 9.00-16.00 | Project day – group work | | |
| 16-Mar Wednesday | 9.00-16.00 | Project day – Hand-in at 16.00 | | |
| 17-Mar Thursday | 9.00-12.00 13.00-15.00 | Project day – view masters presentations | KB KC KB IB | |
| 18-Mar Friday | 9.00-15.00 | Project day – view masters presentations | KB KC | |

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| WEEK 12 | | | | |
| 21-Mar Monday | 9.00-12.00 | Project day - preparation of poster and presentation, opposition | | |
| 22-Mar Tuesday | 9.00-16.00 | Project day – presentations | IB KC | |
| 23-Mar Wednesday | 9.00-12.00 | Course evaluation & end of course | IB KB KC | |

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| WEEK 13 | | | | |
| 28-Mar Monday | 9.00-12.00 | Re-exam | IB KC | |

Course team

IB Ishi Buffam – course leader, examiner
KB Kristina Blennow
KC Kamil Chojnowski

Guest lectures

CH Christine Haaland
AK Anders Kristoffersson
AL Anna Levinsson
TE Tobias Emilsson
AW Annika Wallin
EP Erik Persson
MR Markku Rummukainen
GN Gustav Nässlander

Rooms:

Terra Nova – Agricum, Alnarp ([Google maps](#))