

| WK | Lecture | Date | Topics (Tentative) | Instructor | | |
|----|---------|--------|--|---------------|-------------------------|-----|
| 1 | L01 | 13-Jan | Introduction; Basic Operations | Andie | Assessment | |
| 2 | L02 | 20-Jan | Methods, Functions and Numpy | Andie | | |
| 3 | L03 | 27-Jan | Booleans, If-then-else Statement | Andie | Homework | 60% |
| 4 | | 3-Feb | Third Day of Lunar New Year | | Final exam | 30% |
| 5 | L04 | 10-Feb | For Loop and While Loop, Try-except | Andie | Participation/classwork | 10% |
| 6 | L05 | 17-Feb | Self-defined Functions, Programming Style | Andie | | |
| 7 | L06 | 24-Feb | File IO with Pandas and Xarray | Yen Joe | | |
| 8 | L07 | 3-Mar | Data Visualization with Matplotlib | Yen Joe | | |
| 9 | L08 | 10-Mar | Scientific Computing with Scipy | Yen Joe | | |
| 10 | L09 | 17-Mar | Simple Numerical Methods | Andie | | |
| 11 | L10 | 24-Mar | Atmospheric Science Application: Climate Box Model | Andie | | |
| 12 | L11 | 31-Mar | Geoscience Applications | Yen Joe | | |
| 13 | | 7-Apr | Reading Week | | | |
| 14 | L12 | 14-Apr | Introduction to Machine Learning | Yen Joe | | |
| 15 | Finals | 21-Apr | Final Exam | Andie/Yen Joe | | |
| | | 25-Apr | Make-up Class | | | |
| | | 26-Apr | Make-up Class | | | |
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http://www.res.cuhk.edu.hk/images/content/general_information/UG_Almanac/Calendar-for-Academic-Year-2021-22_20210617_Eng_2.pdf