

# Schedule

The course takes place each **Wednesday 12:00 – 13:40 in L11**, except 17. 4. (reading week), 1. 5. and 8. 5. (holidays).

| Lecture | Date   | Topics   | Notes  |
|---------|--------|--|--|
| 1.      | 21. 2. | <a href="#">Introduction</a> and <i>Tidy data</i>                  | <a href="#">Example script</a>                   |
| 2.      | 28. 2. | Basic coding in R  | <a href="#">Dataset</a>                          |
| 3.      | 6. 3.  | <a href="#">Visualization</a> and summary of distributions         | <a href="#">Dataset</a>                          |
| 4.      | 13. 3. | <a href="#">Visualization</a> and summary of relationships         | <a href="#">Dataset &amp; Script</a>             |
| 5.      | 20. 3. | Normal distribution & <a href="#">data manipulation with dplyr</a> | <a href="#">Dataset</a>                          |
| 6.      | 27. 3. | Presenting data sets for projects & Practice                       |  |
| 7.      | 3. 4.  | <a href="#">Considering space</a>                                  | <a href="#">Dataset (lasoles) &amp; Solution</a> |
| 8.      | 10. 4. | <a href="#">Considering time</a>                                   | <a href="#">Dataset (datations)</a>              |
| -       | 17. 4. | <i>Reading week</i>  | <i>Individual consultations of projects</i>      |
| 9.      | 24. 4. | <a href="#">Distances &amp; Clustering</a>                         | <a href="#">Dataset (dart points)</a>            |
| -       | 1. 5.  | <i>Holidays</i>  |  |
| -       | 8. 5.  | <i>Holidays</i>  |  |

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|---------|--------|--|-------|
| 10.     | 15. 5. | Dimensionality<br>reduction methods<br>(PCA, CA) |       |
| 11.     | 22. 5. | Reproducibility with<br>Quarto & Practice        |       |