**Advanced R Programming, June 2023**

**Location:** 1330-024 (Department of Political Science)

**Preliminary schedule (12.06.23 – 16.06.23):**

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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 09:15 – 10:00 | Introduction | Recap Tidy Data & Tidyverse | ChatGPT & R (guest lecture by Julian Schüssler) | Defining Functions | Build your own website with quarto |
| 10:15 – 11:00 | Project setup and general workflow | Advanced Tidyverse concepts and practice | ggplot Recap | PURRR & anonymous functions |
| 11:15 – 12:00 | Good Code | Advanced ggplot functionalities & packages | Tidy Simulations | Intro to Github and version control |
| 12:00 – 12:45 | **Lunch** | | | | |
| 12:45 – 13:45 | Reproducible documents with rmarkdown / quarto | Regular Expressions | Exercise:  Plot your own data / Recreate the plot challenge | Exercise: simulation / work on your own code | Host your website via github |
| 14:00 – 15:00 | Exercise:  Reproducible Documents | Exercise: Bring your own problem / clean your own data | End early ☺ |