RM1 ODL Semester 1 Course Timetable 2024/2025

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| Week | W/C | Lecture | Data Skills | Assessment |
| 0 | 16/09/2024 | Course information / induction |  |  |
| 1 | 23/09/2024 | Introduction to quantitative research methods | Install R/RStudio |  |
| 2 | 30/09/2024 | The replication crisis |  |  |
| 3 | 07/10/2024 | Research design | Chapter 1 – Introduction to programming with R/RStudio |  |
| 4 | 14/10/2024 | Measurement | Chapter 2 – Creating reproducible documents |  |
| 5 | 21/10/2024 | Sampling and ethics | Chapter 3 – Introduction to data visualisation |  |
| Reading week | 28/10/2024 |  |  |  |
| 6 | 04/11/2024 | Summarising data | Chapter 4 – Data wrangling 1 | **MCQ Opens** |
| 7 | 11/11/2024 | Statistics and probability | Chapter 5 – Data wrangling 2 | **MCQ Closes** |
| 8 | 18/11/2024 | Hypothesis testing | Chapter 6 - Data wrangling 3  Analysis journey 1 |  |
| 9 | 25/11/2024 | Evaluating hypothesis testing | Chapter 7 – Scatterplots, boxplots, and violin-boxplots | **Data Skills 1 Opens** |
| 10 | 02/12/2024 | Correlation and regression with one continuous predictor |  | **Data Skills 1 Closes** |
| 11 | 09/12/2024 | t-tests and regression with one categorical predictor | Chapter 8 – Regression with one continuous predictor |  |
| 12 | 16/12/2024 | t-tests and regression with one categorical predictor | Chapter 9 – Regression with one categorical predictor  Analysis journey 2 |  |
| Holiday | 23/12/2024 |  |  |  |
| Holiday | 30/12/2024 |  |  |  |
| Holiday | 06/01/2024 |  |  |  |
| 13 | 13/01/2025 | Regression recap and decision making in data analysis | Chapter 10 – Power Analysis | **Data Skills 2 Opens** |
| 14 | 20/01/2025 | Decision making in data analysis | Chapter 11 – Screening data | **Data Skills 2 Closes** |
| Assessment | 27/01/2025 |  |  |  |
| Assessment | 03/02/2025 |  |  |  |
| Assessment | 10/02/2025 |  |  |  |
| Semester break | 17/02/2025 |  |  |  |