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| Date | Day | Discussion Due by 4:00pm | Lecture Topic | Unit | Assignment Due by 11:59pm |
| Jan 7 | Tues |  | Syllabus and R/RStudio | 0 |  |
| Jan 9 | Thur | L1 | Tidyverse (the verbs) |
| Jan 14 | Tues | L2 | Causation: Logic models, DAGS, and Potential Outcomes | 1 | HW 1 |
| Jan 16 | Thur |  |
| Jan 21 | Tues | L3 | Simple Regression (both continuous and categorical) |
| Jan 23 | Thur | L4 | Multiple Regression (both continuous and categorical) |
| Jan 28 | Tues |  | Catch Up Day |
| Jan 30 | Thur |  | Exam 1 |
| Feb 4 | Tues | L5 | Assumptions of Regression | 2 | HW 2 |
| Feb 6 | Thur | L6 | Diagnostics (Detecting Irregularities) |
| Feb 11 | Tues |  |
| Feb 13 | Thur | L7 | Missing Data and Other Real-World Problems |
| Feb 18 | Tues | L8 | Threats to Validity (including measurement error, multiple tests) |
| Feb 20 | Thur |  | Exam 2 |
| Feb 25 | Tues | L9 | Effect Sizes (including partial dependence plots) |
| Feb 27 | Thur |  | 3 | HW 3 |
| Mar 4 | Tues |  | SPRING BREAK (Absolutely No Class) |
| Mar 6 | Thur |  |
| Mar 11 | Tues | L10 | Linear Interaction |
| Mar 13 | Thur |  |
| Mar 18 | Tues | L11 | Nonlinear Relationships |
| Mar 20 | Thur | L12 | Intro to Generalized Linear Models |
| Mar 25 | Tues |  | Catch Up Day |
| Mar 27 | Thur |  | Exam 3 |
| Apr 1 | Tues | L13 | Logistic Regression | 4 | Final Project |
| Apr 3 | Thur |  |
| Apr 8 | Tues | L14 | Other GLMs |
| Apr 10 | Thur |  |
| Apr 15 | Tues | L15 | Mediation Analysis |
| Apr 17 | Thur | L16 | Miscellaneous (variable selection methods) |
| Apr 22 | Tues |  | Catch Up Day |
| April 29 | Tues |  | Exam 4 |