|      | 00 Fall 2 | UZ ! |                              | coverage subject to change          | Version: Aug                             |              |  |
|------|-----------|------|------------------------------|-------------------------------------|--|--------------|--|
| Neek | Date      |      | Topic                        | Activity                            | Before Class                             | Submissions  |  |
|      | 30-Aug    | Mon  | Probability/<br>stats review | Introduction - stats pre-test       |  |              |  |
| 1    | 1-Sep     | Wed  |                              | Lab 1: Getting to know Stata        | Download Stata                           |              |  |
|      | 3-Sep     | Fri  |                              | Probability review (2.1-2.3)        | Read CH2.1-2.3<br>CH2 video (15:19)      | VQ1 (CH2)    |  |
|      |           |      |                              |                                     |  |              |  |
|      | 6-Sep     | Mon  | Labor Day                    |                                     |  |              |  |
| 2    | 8-Sep     | Wed  | Probability/<br>stats review | Normal distributions (2.4)          | Read CH2.4                               | Lab 1        |  |
|      | 10-Sep    | Fri  |                              | RP: Identifying a research question |  |              |  |
|      |           |      |                              |                                     |  |              |  |
|      | 13-Sep    | Mon  | Probability/<br>stats review | Statistics review (2.5-2.6, 3)      | Read CH2.5-2.6; CH3<br>CH3 video (24:31) | VQ2 (CH3)    |  |
| 3    | 15-Sep    | Wed  |                              | Lab 2: Do-files                     | , ,                                      |              |  |
|      | 17-Sep    | Fri  |                              | Probability/statistics practice     |  | PS1          |  |
|      |           |      |                              |                                     |  |              |  |
|      | 20-Sep    | Mon  |                              |                                     |  |              |  |
| 4    | 22-Sep    | Wed  | Simple<br>linear             | Simple linear regression            | Read CH4<br>CH4 video optional           | Lab 2        |  |
|      | 24-Sep    | Fri  | regression                   | Simple linear regression            |  |              |  |
|      |           |      |                              |                                     |  |              |  |
|      | 27-Sep    | Mon  |                              | No in-person meeting                | Read CH5                                 |              |  |
|      |           |      | Hypothesis                   |                                     | CH5 video (33:30)                        | VQ3 (CH5)    |  |
| 5    | 29-Sep    | Wed  | tests                        | Lab 3: Regression in Stata          |  | ldea proposa |  |
|      | 1-0ct     | Fri  |                              | Hypothesis tests                    |  | PS2          |  |
|      | ·         |      |                              |                                     |  |              |  |
|      | 4-0ct     | Mon  | Multiple<br>linear           | Multiple linear regression          | Read CH6<br>CH6 video (35:12)            | VQ4 (CH6)    |  |
| 6    | 6-0 ct    | Wed  | regression                   | Lab 4: Multiple regression          |  | Lab 3        |  |
|      | 8-Oct     | Fri  |                              |                                     |  |              |  |

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|      | <b>.</b>  | 021    |             | t coverage subject to change       | Version: Au        |                     |
|------|-----------|--------|-------------|------------------------------------|--------------------|---------------------|
| Neek | Date      |        | Topic       | Activity                           | Before Class       | Submissions         |
|      | 11-0 ct   | Mon    | MLR:        | MLR: Hypothesis tests              | Read CH7           |                     |
|      |           |        | Hypothesis  |                                    | CH7 video optional |                     |
| 7    | 13-0 ct   | Wed    | tests       | Lab 5: Merging and hypothesis      |                    | 1 -1- 4             |
| /    |           |        |             | testing                            |                    | Lab 4               |
|      | 15-Oct    | Fri    |             | MLR: Hypothesis tests              |                    |                     |
|      |           |        |             | , ,,,                              |                    | PS3                 |
|      |           |        |             | 1                                  |                    | <u> </u>            |
|      | 18-0ct    | Mon    |             |                                    |                    | l                   |
|      | 10 000    | 141011 |             | Exam 2: Chapters 4-7               |                    |                     |
|      | 20-0 ct   | Mad    | Non-linear  | RP: Writing an annotated           | <u> </u>           |                     |
| 8    | 20 000    | vvcu   | regressions | bibliography and literature review |                    | Lab 5               |
|      | 22 O ct   | г»:    | regressions |                                    | D CUO              |                     |
|      | 22-0 ct   | FII    |             | Non-linear regressions             | Read CH8           |                     |
|      |           |        |             |                                    | CH8 video optional |                     |
|      |           |        |             |                                    |                    |                     |
|      |           |        |             |                                    |                    |                     |
|      |           |        |             |                                    |                    |                     |
|      | 25-0 ct   | Mon    | Non-linear  | Non-linear regressions             |                    |                     |
|      |           |        | regressions |                                    |                    |                     |
|      | 27-0 ct   | Wed    |             | RP: Writing a paper proposal and   |                    | Annotated           |
| 9    |           |        |             | analysis outline                   |                    | bibliography        |
|      | 29-Oct    | Fri    |             | No in-person meeting               | Read CH9           | and and and and and |
|      | 27 000    | 111    |             | No in person meeting               | CH9 video (44:41)  | VOE (CHO)           |
|      |           |        |             |                                    | C119 VIUEO (44.41) | VQ5 (CH9)           |
|      | 14 May    | Maio   | Danal data  | Associat various validity.         | I                  | I                   |
|      | 1-Nov     | Mon    | Panel data  | Assessing regression validity      |                    |                     |
|      |           |        | methods     |                                    |                    |                     |
| 10   | 3-Nov     | Wed    |             | Lab 6: Diff-in-diff and panel data | Read CH10          |                     |
|      |           |        |             |                                    | CH10 video (16:17) | VQ6 (CH10)          |
|      | 5-Nov     | Fri    |             |                                    |                    | PS4                 |
|      |           |        |             | Panel data methods                 |                    | P34                 |
|      |           |        | ·           | '                                  |                    |                     |
|      | 8-Nov     | Mon    | Panel data  | Panel data methods                 |                    |                     |
|      |           |        | methods     |                                    |                    |                     |
|      | 10-N ov   | Wed    |             | Lab 7: Data problems               |                    |                     |
| 11   | I TO INOV | vveu   |             | Lab 7. Data problems               |                    | Lab 6               |
|      | 12 N av   | r:     |             | Daniel data mathada                |                    |                     |
|      | 12-N ov   | Fri    |             | Panel data methods                 |                    | Paper .             |
|      |           |        |             |                                    |                    | proposal            |
|      |           |        |             |                                    |                    |                     |
|      | 15-N ov   | Mon    | Research    | RP: Peer review                    |                    |                     |
|      |           |        | week        |                                    |                    |                     |
| 12   | 17-N ov   | Wed    |             | RP: Presenting and discussing      |                    |                     |
| 12   |           |        |             | results                            |                    | Lab 7               |
|      | 19-Nov    | Fri    |             | RP: Writing an introduction and    |                    |                     |
|      | ' ' ' ' ' |        |             | conclusion                         |                    |                     |
|      | 1         |        |             |                                    |                    |                     |

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Exact coverage subject to change Version: August 19

| Week | Date    |     | Topic     | Activity                      | Before Class       | Submissions |
|------|---------|-----|-----------|-------------------------------|--------------------|-------------|
|      |         |     |           |                               |                    |             |
|      |         |     |           | Thanksiving Break             |                    |             |
|      |         |     |           | November 22-26                |                    |             |
|      |         |     |           |                               |                    |             |
|      | 29-N ov | Mon |           | Instrumental variables        | Read CH12          |             |
|      |         |     | variables |                               | CH12 video (20:14) | VQ7 (CH12)  |
| 13   | 1-Dec   | Wed |           | Lab 8: Instrumental variables |                    |             |
| 15   |         |     |           |                               |                    |             |
|      | 3-Dec   | Fri |           | Instrumental variables        |                    | PS5         |
|      |         |     |           |                               |                    | P35         |
|      |         |     |           |                               | ·                  |             |

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