

| Week | Date          | Meeting A: Combined Lecture  | Meeting B: Small class meeting   | Project             |
|------|---------------|--|--|---------------------|
| 1    | 31/01 – 04/02 | <b>Lecture 1:</b> <ul style="list-style-type: none"> <li>Introduction to course</li> <li>HHJ 1, 2, 4: What is social science, purpose of research, evaluating research (validity), constructs, variables &amp; operational definition</li> </ul> | <ul style="list-style-type: none"> <li>Introduction to instructor and classmates</li> <li>Introduction to research project</li> <li>Article discussion + questions</li> </ul>                              | Choose topic        |
| 2    | 07/02-11/02   | <b>Lecture 2:</b> <ul style="list-style-type: none"> <li>HHJ 3: Ethics</li> <li>HHJ 11, 12, 13: Experiments, Lab settings, non-random designs</li> </ul>   | <ul style="list-style-type: none"> <li>Article discussion + questions</li> <li>Report writing: <ul style="list-style-type: none"> <li>HHJ 19 (p.483-90)</li> <li>HHJ 20 (p. 510-16)</li> </ul> </li> </ul> |                     |
| 3    | 14/02-18/02   | <b>Lecture 3:</b> <ul style="list-style-type: none"> <li>HHJ 8, 9: Population and sampling</li> <li>AAC 1, 2: Descriptive statistics</li> </ul>  | <ul style="list-style-type: none"> <li>Article discussion + questions</li> <li>Exercise discussion AAC 1, 2</li> <li>SPSS Practical 1 (graphs and descriptives)</li> </ul>                                 | Write introduction  |
| 4    | 21/02-25/02   | <b>Lecture 4:</b> <ul style="list-style-type: none"> <li>AAC 3: Correlation and regression</li> </ul>  | <ul style="list-style-type: none"> <li>Exercise discussion AAC 3</li> <li>SPSS practical 2 (correlation and regression)</li> </ul>   |                     |
| 5    | 28/02-04/03   | <b>Lecture 5:</b> <ul style="list-style-type: none"> <li>HHJ 5, 6: Measurement</li> </ul>  | <ul style="list-style-type: none"> <li>Research plan presentations + peer review</li> </ul>  | Write questionnaire |
| 6    | 07/03-11/03   | <b>Lecture 6:</b> <ul style="list-style-type: none"> <li>HHJ 7: Multi item scales</li> <li>HHJ 4 + reader: Reliability</li> </ul>  | <ul style="list-style-type: none"> <li>Questionnaire design</li> <li>Preparation for data collection</li> <li>SPSS Practical 3 (reliability)</li> </ul>  |                     |
| 7    | 14/03-18/03   | (in groups, not in Auditorium) <ul style="list-style-type: none"> <li>Q&amp;A Exam 1</li> </ul>  | <b>Exam 1      Wednesday March 16</b><br><b>11.15 - 12.45</b>  | Data collection     |

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| 8    | 28/03-01/04 | <b>Lecture 7:</b> <ul style="list-style-type: none"> <li>AAC 4: Normal distributions</li> </ul>   | <ul style="list-style-type: none"> <li>Exercise discussion AAC 4</li> <li>SPSS Practical 4 (data file creation, data screening, data management)</li> </ul>                         | Data collection                      |
| 9    | 04/04-08/04 | <b>Lecture 8:</b> <ul style="list-style-type: none"> <li>AAC 5: Hypothesis testing</li> </ul>   | <ul style="list-style-type: none"> <li>Exercise discussion AAC 5</li> <li>SPSS time for reliability analysis on own data</li> </ul>   | Data analysis                        |
| 10   | 11/04-15/04 | <b>Lecture 9:</b> <ul style="list-style-type: none"> <li>AAC 6: Z-test</li> <li>AAC 7: Effect size and power</li> </ul>   | <ul style="list-style-type: none"> <li>Exercise discussion AAC 6, 7</li> <li>Project: Set up all hypotheses to be tested</li> <li>SPSS time to create scales for project</li> </ul> |                                      |
| 11   | 18/04-22/04 | <b>Lecture 10:</b> <ul style="list-style-type: none"> <li>AAC 8: T-test (1 sample and paired, including effect size and power table)</li> <li>AAC 9: 2-sample T-test (including effect size, power table and Leven's test via SPSS output)</li> </ul> | <ul style="list-style-type: none"> <li>Exercise discussion AAC 8</li> <li>SPSS time for correlation/ regression on own data</li> </ul>  |                                      |
| 12   | 25/04-29/04 | <b>No lecture (Easter)</b>  | <ul style="list-style-type: none"> <li>Exercise discussion AAC 9</li> <li>SPSS practical 5 (all t-tests)</li> </ul>   |                                      |
| 13   | 02/05-06/05 | <b>Lecture 11:</b> <ul style="list-style-type: none"> <li>AAC 11: Categorical data (<math>\chi^2</math> tests, GOF and independence)</li> </ul>   | <ul style="list-style-type: none"> <li>Exercise discussion AAC 11</li> <li>SPSS practical 6 (<math>\chi^2</math> tests)</li> </ul>  | Write report/ put together portfolio |
| 14   | 09/05-13/05 | <ul style="list-style-type: none"> <li>SPSS time for T-tests and <math>\chi^2</math> tests on own data</li> </ul>   | <b>Exam 2      Tuesday May 10</b><br><b>13.15 - 15.15</b>   |                                      |
| 15   | 16/05-20/05 | Thursday before 5 PM: Hand in complete portfolio at College Hall  |   |                                      |

| Week | Methods/ Statistics book   | Research project   |
|------|--|--|
| 1    | Read Chapters 1,2 and 4 from HHJ   |  |
| 2    | Read Chapters 3, 11, 12, 13, 19 (p. 483-490) and 20 (p. 510-516) from HHJ  | Choose a topic for your research project                           |
| 3    | Read Chapters 8 and 9 from HHJ and Chapters 1 and 2 from AAC<br><br>Prepare exercises from AAC 1: 2, 3, 4, 7 and 14 AAC 2: 16, 17, 19, 20 (b, d, f and h) and 22   | Hand in draft version of RPA1                                      |
| 4    | Read Chapter 3 from AAC<br><br>Prepare exercises from AAC 3: 12, 14 (see instructions above problem), 17 (see instructions above problem 16/ for part e refer to p. 37 in HHJ), and 21 (a, b, c, d, e, j) and the extra regression exercise which you can find in section 3 of this document |  |
| 5    | Read Chapters 5 and 6 from HHJ   | Hand in Final version of RPA1<br><br>Hand in draft version of RPA2 |
| 6    | Read Chapters 4 and 7 from HHJ and the article on Reliability (Workspace)  |  |
| 7    | Prepare yourself for exam 1 on <b>Wednesday March 16 11:15-12:45</b>   | Hand in final version of RPA2                                      |
| 8    | Read Chapter 4 from AAC<br><br>Prepare exercises from AAC 4: 13, 19, 21, 22 and 23   | Finish data collection   |
| 9    | Read Chapter 5 from AAC. Prepare exercises from AAC 5: 13, 14, 17, 19, 20, 22 (a and b)  |  |