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| **Week** | **Date** | **Topic** | **Suggested Reading**  **Numbers refer to numbering of textbooks** |
| 1 | 1/20 | Class overview, Intro to software and class processes | 1 – ch 1  2- ch 1 |
| 2 | 1/27 | Intro to QGIS | 2- ch 1 |
| 3 | 2/3 | Geographic data types, Getting data from the web | 1 – ch 3  2- ch 2 |
| 4 | 2/10 | Data display and map creation  **In Class Lab** | 1- ch 3&4  2- ch 3 |
| 5 | 2/17 | Map projections and measuring distances | 2 – ch 2 |
| 6 | 2/24 | Data creation and editing  **In Class Lab** | 2 - ch 2 |
| 7 | 3/3 | Geocoding |  |
| 8 | 3/10 | **No Class**  **Spring Break** |  |
| 9 | 3/17 | Point pattern analysis  **Blog 1 Due** | 1 – ch 5 &6  2 ch 5 |
| 10 | 3/24 | Vector Analysis  **In Class Lab** | 1 – ch 5  2 ch 5 |
| 11 | 3/31 | Raster analysis | 2 ch 5 |
| 12 | 4/7 | Research Lab Day - No Lecture  **Blog 2 DUE** |  |
| 13 | 4/14 | Basic spatial statistics | 1 ch 7 & 8 |
| 14 | 4/21 | Basic spatial statistics  **In Class Lab**  **Blog 3 DUE** | 1 ch 7 & 8 |
| 15 | 4/28 | Research Lab Day - No Lecture |  |
| 5 | 5/5 | Finals Period  **Final Blog Post 4 Due** |  |