Example: Professional MS in Applied Math, Statistics and Data Science Track (Fall Start) **Other Possible Electives: STAT 5000** STAT 5520 Intro to **Out of Dept** Math Stat (or STAT **Semester One:** Stat Methods and **STAT 5430** Sequence I 5530 Math Stat) Apps I **Spatial Statistics** STAT 5250 Data **STAT 5010 Assimilation Out of Dept** STAT 5540 Intro. to **Semester Two:** Stat Methods and **Time Series** Sequence II Apps II STAT 5690 Adv. **Statistical** Collaboration (2 cr) **STAT 5610 STAT 5230 STAT 5700 Statistical Stochastic Analysis Semester Three: Applied Deep** Philosophical and for Finance Learning Learning **Ethical Issues in Stat** STAT 5100 Markov For a list of all possible STAT/APPM electives, **STAT 5680 STAT 5630 Processes** see the course catalog. **Semester Four: Statistical** Computational Collaboration Bayesian Stat.

There are many possibilities for an out-of-department sequence. Here are two examples:

➤ Denotes a prerequisite

- 1. MSBX 5405: Structured Data Modeling and Analysis and MSBX 5420 Unstructured and Dist. Data Modeling and analysis.
- 2. Any CSCI course listed here for which you have the appropriate background knowledge: https://bit.ly/313aJhJ