Example: Professional MS in Applied Math, Statistics and Data Science Track

Semester One:

- STAT 5000 Stat Methods and Apps I
- STAT 5520 Intro to Math Stat
- Out of Dept Sequence I

Semester Two:

- STAT 5010 Stat Methods and Apps II
- STAT 5100 Markov Processes
- Out of Dept Sequence II

Semester Three:

- STAT 5610 Statistical Learning
- STAT 5400 Advanced Stat. Modeling

Semester Four:

- STAT 5680 Statistical Collaboration
- STAT 5630 Computational Bayesian Stat.

Other Possible Electives:

- STAT 5430 Spatial Statistics
- STAT 5250 Data Assimilation
- STAT 5690 Adv. Statistical Collaboration (2 cr)
- STAT 5700 Philosophical and Ethical Issues in Stat
- STAT 5230 Stochastic Analysis for Finance
- STAT 5540 Intro. to Time Series
- For a list of all possible STAT/APPM electives, see the course catalog.

→ Denotes a prerequisite

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

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