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

Semester Two:
- STAT 5010 Stat Methods and Apps II
- STAT 5100 Markov Processes

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 5230 Stochastic Analysis for Finance
- STAT 5700 Philosophical and Ethical Issues in Stat

For a list of all possible STAT/APPM electives, see the course catalog.

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