Concentration in Stochastic Models

Below we provide a list of specialized courses to be used towards the concentrations, both existing and new ones. Some of these courses will be offered on a rotational basis, but regularly nevertheless. Also, some of these courses are new and their names may change by the time they are first offered.

**Required**
Probability Theory and Real Analysis -I (Stat G6105)
Probability Theory - II (Stat G6106)
Linear Regression Models (Stat W4315)
Statistical Inference and Time Series Modeling (Stat G6503)

**Electives (Choose 3 out of the following):**
Queuing Theory and Applications (IEOR E6704)
Queuing Networks (IEOR E6706)
Seminar(s) in Management Science (MGMT B 9801), if appropriate courses are offered.
Seminar(s) in Operations Management (MGMT B 9811), if appropriate courses are offered.
Statistical Modeling for Data Analysis- I (Stat G6101 [Gelman])
Statistical Modeling for Data Analysis -II (Stat G6102 [Gelman])
Probabilistic Analysis of Combinatorial Algorithms (ELEN W6781 [Coffman])