

## ***MAS 797 Graduate Seminar – Statistics II***

### ***Aims and Objectives***

Prepare students for independent research.

### ***Syllabus***

Topics will be chosen to cover new developments in research in Statistics, including high dimensional estimation and testing, survival analysis, bootstrap method and Bayesian analysis. The format of the course is mainly through student presentation and group discussion. The students are required to read many statistical papers in recent literature in different journals and write up reports after reading.

### ***Assessment***

Continuous Assessment (Student presentation, Written reports, and Participation): 100%

### ***Prerequisites***

Approval by the Division