

## **MAS795 Graduate Seminar – Pure Mathematics II**

### **Aims and Objectives**

Prepare students for independent research.

### **Syllabus**

Topics will be chosen to cover new developments in research in Mathematics and according to the interests of students.

### **Assessment**

Continuous Assessment: 100%

### **Prerequisites**

Approval by the Division

### **Additional Information**

This weekly seminar will give the participants a chance to present on a number of mathematics topics of their choice. The aim is for the participants to familiarize themselves with the scientific interests of other participants, enhance their appreciation for the unity of mathematics by learning about current directions in other disciplines of mathematics research, as well as develop the paramount skill of presenting their own work to others. While the topics of the seminar talks do not have to include original research of the presenter or collaborators, they must cover material substantially beyond the level of undergraduate or graduate courses offered at NTU. Each talk is followed by an optional Q&A session and discussion, during which the speaker may elaborate on matters that are of special interest to listeners.