MAS794 Graduate Seminar – Pure Mathematics I
(AY2014/2015 Semester 2)

Aims and Objectives

Prepare students for independent research.

Assessment

Continuous Assessment: 100%

Prerequisites

Approval by the Division

Syllabus

Topics will be chosen to cover new developments in research in Mathematics and according to the interests of students. Possible topics are algebra, cryptography and information theory, geometry, number theory, set theory, topology...

Additional Information

This course 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 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.

The students are required to give talks, and provide an abstract and short notes for their talks.