

## ***MAS 727 - Topics in Pure Mathematics II***

### **Aims and Objectives**

Prepare students for independent research in the area of Pure Mathematics

### **Syllabus**

Topics in Pure Mathematics will be covered to provide background knowledge necessary to conduct independent research in the area, e.g. topics from Commutative Algebra, Topology, Differential Geometry, Mathematical Logic, Functional Analysis

### **Assessment**

Examinations: 50%  
Continuous Assessment: 50%

### **Prerequisites**

Approval by the Division