Description
This module builds on the work undertaken in Probability, Statistics and Modelling I (year 1) and Probability, Statistics and Modelling II (year 2). It aims to equip students with the skills needed to carry out more sophisticated forms of quantitative data analysis for crime reduction. Students will be introduced to several kinds of crime analysis techniques and software packages with which to perform such analyses.

The techniques covered in this module will also be of relevance to students undertaking their final year independent research project.

The module will be delivered over 10 weeks with 3 hours contact time per week. Each week will consist of a combination of lectures and practical classes/workshops. In lectures, students will be introduced to different analytical techniques, their purpose, advantages and disadvantages, and shown real world examples where the techniques have been effectively applied. In the accompanying practical classes/workshops, students will gain hands-on experience of sourcing/working with appropriate crime and/or security-relevant data and performing statistical analyses.