

MAS400: Project Presentation in Mathematics and Statistics

Semester 1, 2017/18; 10 credits

Lecturer: Sarah Whitehouse (S.Whitehouse@shef, Room J6c, Ext 23870)

Home page: <http://sarah-whitehouse.staff.shef.ac.uk/MAS400/index.html>

This unit provides further training and experience in the use of appropriate computer packages for the presentation of mathematics and statistics, and guidance on the coherent and accurate presentation of technical information.

Outline syllabus.

- Review of L^AT_EX and TeXworks
- Typesetting mathematics in L^AT_EX
- Writing mathematics and statistics
- Structuring a mathematical report
- Oral presentations
- The L^AT_EX beamer package

Aims.

- To develop written skills for use in the level 4 project.
- To develop oral skills for use in the level 4 project.
- To develop general presentational skills usable in a wider context.

Learning outcomes.

- To be able to write mathematics clearly and coherently.
- To be able to use L^AT_EX competently.
- To be able to use the beamer package.
- To be able to write and deliver an effective mathematical presentation.

Teaching methods. Lab sessions and lectures.

5 lectures, 0 tutorials, 6 practicals.

Assessment. Coursework [65%]. Oral presentation [35%].

Full syllabus.

Recommended books.

B “LaTeX wikibook”

B Nicholas J. Higham “Writing for the Mathematical Sciences” (Shelfmark 808.06651 (H), ISBN 0898714206)