

MA5P1-90 Dissertation

26/27

Department

Warwick Mathematics Institute

Level

Taught Postgraduate Level

Module leader

Oleg Zaboronski

Credit value

90

Module duration

12 weeks

Assessment

100% coursework

Study location

University of Warwick main campus, Coventry

Description

Introductory description

The MSc dissertation counts for 90 CATS - that is, half of the total MSc load.

A dissertation is usually expository, collecting together results from several research papers into a coherent whole. Sometimes dissertations contain original research, and this is encouraged where appropriate. The general framework of a dissertation must be approved by the supervisor. This page may help to find staff members with interesting topics.

The appropriate length for a dissertation will vary with the topic, the formatting, and whether or not it includes figures, etc. As a guide, most MSc dissertations are between 30 and 50 A4 pages, double spaced, with normal font size and margins. Longer dissertations are not necessarily better, and the marks obtained depend much more on the quality of the content (especially the mathematics) than on the number of words. It is essential that the dissertation is well presented.

Module aims

Produce a postgraduate standard dissertation on a topic chosen in collaboration with an academic supervisor.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

N/A

Learning outcomes

By the end of the module, students should be able to:

- The student will learn how to communicate written mathematics.
- Demonstrate a high level of understanding of a topic in mathematics that adds to the subject knowledge in some way.

Research element

The dissertation requires self study and research, possibly including significant original work, but not necessarily so if the dissertation is more of a survey of current results.

Interdisciplinary

Dissertation core for Interdisciplinary Mathematics MSc so in that case will necessarily contain an interdisciplinary element.

Subject specific skills

See module description

Transferable skills

Students will acquire key reasoning and problem solving skills which will empower them to address new problems with confidence.

Study

Study time

Type	Required
Project supervision	10 sessions of 1 hour (1%)
Private study	890 hours (99%)
Total	900 hours

Private study description

Researching and writing up dissertation

Costs

No further costs have been identified for this module.

Assessment

You must pass all assessment components to pass the module.

Students can register for this module without taking any assessment.

Assessment group A1

	Weighting	Study time	Eligible for self-certification
Assessment component			
Dissertation	100%		No
Reassessment component is the same			

Feedback on assessment

Supervision by dissertation supervisor

Availability

Courses

This module is Core for:

- Year 1 of TMAA-G1P0 Postgraduate Taught Mathematics
- Year 2 of TMAA-G1PC Postgraduate Taught Mathematics (Diploma plus MSc)

This module is Core optional for:

- TMAA-G1PD Postgraduate Taught Interdisciplinary Mathematics (Diploma plus MSc)
 - Year 1 of G1PD Interdisciplinary Mathematics (Diploma plus MSc)
 - Year 2 of G1PD Interdisciplinary Mathematics (Diploma plus MSc)
- Year 1 of TMAA-G1P0 Postgraduate Taught Mathematics
- Year 1 of TMAA-G1PC Postgraduate Taught Mathematics (Diploma plus MSc)