

MA5Q5-24 First Year MSc Project

22/23

Department

Warwick Mathematics Institute

Level

Taught Postgraduate Level

Module leader

David Wood

Credit value

24

Module duration

12 weeks

Assessment

Multiple

Study location

University of Warwick main campus, Coventry

Description

Introductory description

The project will be undertaken by MSc students enrolled in the two-year MSc course during their first year of study via study of relevant literature, possibly elements of research, independently but under the guidance of their MSc. supervisor. It will result in a scholarly report written mostly over summer. Before the beginning of the second year, the student must submit a project scholarly report worth 24 CATS which will be marked by the supervisor and a second marker.

Module aims

- to develop an ability to communicate mathematics to diverse audiences.
- to give a deeper appreciation of how mathematics underpins the modern world.

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.

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report worth 24 CATS which will be marked by the supervisor and a second marker. The project will contribute to the first year mark. An average of 60% including the module and project marks is required to proceed to the second year. However, the first year project will not contribute to the final mark at the end of the second year: this will be reflected in the regulations for G1PC.

Learning outcomes

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

- The student will learn how to communicate written mathematics.
- The student will get ready to undertake similar tasks at a higher depth and scholarly level needed for writing their MSc. dissertation in year 2.

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 two year Interdisciplinary Mathematics (Diploma plus MSc) G1Pd so in that case will necessarily contain an interdisciplinary element.

Subject specific skills

See learning outcomes.

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
Tutorials	10 sessions of 1 hour (4%)
Private study	230 hours (96%)
Total	240 hours

Private study description

230 hours of independent reading, digesting, and organising the material and writing it up in the scholarly report

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Assessment group A1

	Weighting	Study time
Dissertation	100%	

Assessment group R

	Weighting	Study time
Dissertation	100%	

Feedback on assessment

Feedback will be provided verbally or in written form by the student's MSc supervisor

Availability

Courses

This module is Core for:

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

This module is Core optional for:

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