

MA3153 Number Theory

Academic Year: 2019/0
Module Level: Year 3
Scheme: UG
Department: Mathematics
Credits: 20

Student Workload (hours)

Lectures	30
Seminars	
Practical Classes & Workshops	
Tutorials	10
Fieldwork	
Project Supervision	
Guided Independent Study	160
Demonstration	
Supervised time in studio/workshop	
Work Based Learning	
Placement	
Year Abroad	
Total Module Hours	200

Period: Semester 2
Occurrence: E
Coordinator: Frank Neumann
Mark Scheme: UG Module Mark Scheme

No.	Assessment Description	Weight %	Qual Mark	Exam Hours	Ass't Group	Alt Reass't
001	Examination (Final)	90		2		
002	Group Work	10				
005	Examination	100		2		Y

Intended Learning Outcomes

To define the definitions and the key concepts of elementary number theory and to be able to reproduce and apply the main results and proofs given in the module. To define how to formulate number theoretical problems in rigorous mathematical language. To demonstrate familiarity with the topic and to be able to solve routine problems.

Teaching and Learning Methods

Lectures, feedback classes, group work

Assessment Methods

Group work, written examination

Pre-Requisites

MA1104

Co-Requisites

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Excluded Combinations

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Guided Independent Study: Indicative Activities