## Mathematical Institute

## Approved at the meeting of Teaching Committee on $4^{\text {th }}$ March 2015

## Honour School of Mathematics

## Brief note about nature of change:

Clarification of existing progression rules, minor revisions to the schedule of papers and to the rules governing the number of papers candidates may take from each category.

## Effective date

Changes 1, 2, 3, 5: with immediate effect.
Change 4: for students starting FHS Parts A \& B from MT 2015 (Part A MT 2015), for first examination from 2015-16

Change 6: for students starting FHS Part C from MT2015 (Part C MT 2015), for first examination from 2015-16.

## Location of change

In Examination Regulations 2014.

## Detail of change

1. 

Page 291, lines 4-7
In the following 'the Course Handbook' refers to the Mathematics Undergraduate Handbook and supplements to this published by the Mathematics Teaching Committee and also posted on the website at: http://www.maths.ox.ac.uk/current-
students/undorgraduates/handbooks-synopses http://www.maths.ox.ac.uk/members/students/undergraduate-courses/teaching-and-learning/handbooks-synopses.
2.

Page 291, lines 28-32
c) A candidate who obtains only a pass or fails to satisfy the Examiners in Part B-Parts A and B together may retake Part B on at most one subsequent occasion; a candidate who fails to satisfy the Examiners in Part C may retake Part C on at most one subsequent occasion. Part B shall be taken on one occasion only by candidates continuing to Part C.
3.

Page 291, line 33 to page 292, line 34
7.' A candidate on the three-year course adjudged worthy of Honours on both Parts A and B together may supplicate for the degree of BA in Mathematics provided that the candidate has fulfilled all conditions for admission to a degree of the University.
7. 8. A candidate on the four-year course adjudged worthy of Honours on both Parts A and $B$ together, and on Part $C$ may supplicate for the degree of Master of Mathematics provided that the candidate has fulfilled all the conditions for admission to a degree of the University.
8. 9. A candidate in the final year of the four-year course, adjudged worthy of Honours in both Parts A and B together, but who does not enter Part C, or who fails to obtain Honours in Part C, is permitted to supplicate for the Honours degree of Bachelor of Arts in Mathematics with the classification obtained in Parts A and B together; provided that no such candidate may later enter or re-enter the Part C year or supplicate for the degree of Master of Mathematics; and provided in each case that the candidate has fulfilled all the conditions for admission to a degree of the University.
9. 10. The use of calculators is generally not permitted for written papers. However, their use may be permitted for certain exceptional examinations. The specification of calculators permitted for these exceptional examinations will be announced by the Examiners in the Hilary Term preceding the examination.

## Transfer to the Honour School of Mathematical and Theoretical Physics

10. 11. Subject to the regulations for the Honour School in Mathematical and Theoretical Physics, candidates on the four-year course in Mathematics may apply to the Supervisory Committee for Mathematics and Physics to transfer, after their Part B examination, to the Honour School of Mathematical and Theoretical Physics for their Part C examination. Such a candidate will need to achieve at least an upper second class or higher at the end of Part B, and be accepted by the Supervisory Committee for Mathematics and Physics under the procedures referred to in the regulations for the Master of Mathematical and Theoretical Physics and set out in the course handbook for that degree. Acceptance is not automatic. As specified in the regulations for that degree, Part C in Mathematical and Theoretical Physics must be taken in the academic year following the candidate's Part B examination, and on successful completion of Part C of the Honour School of Mathematical and Theoretical Physics candidates will be awarded the Master of Mathematics and Physics in Mathematical and Theoretical Physics.
1. 12. The Handbook for Mathematical and Theoretical Physics shall set out the
options that candidates should follow to maximize their chances of being accepted for transfer to Mathematical and Theoretical Physics for their Part C examination. This Handbook shall be available by the start of Michaelmas Term in the year in which a candidate starts Part A in Mathematics.
1. 13. A candidate who has transferred from the Honour School of Mathematics to the Honour School of Mathematical and Theoretical Physics for their Part C examination in accordance with cl. 9 above is permitted transfer to the Honour School of Mathematics for their Part C examination up to the end of Week 4 of the Michaelmas Term in which he or she first registered for Part C in the Honour School of Mathematical and Theoretical Physics, so long as that candidate has not opted to supplicate for the degree of Bachelor of Arts in Mathematics under the regulations for the Honour School of Mathematical and Theoretical Physics.
1. 14. The regulations for the Honour School of Mathematical and Theoretical Physics set out how the results obtained in Parts A and B in the Honour School of Mathematics are published for candidates who transfer to the Honour School of Mathematical and Theoretical Physics for their Part C examination.
1. 

Page 292, lines 36-50
In Part A each candidate shall be required to offer A1, A2, ASO and five or six papers from A3-A11 from the schedule of papers for Part A.

## Schedule of Papers in Part A

A0 Linear Algebra
A1 Algebra 1 and Differential Equations 1
A2 Metric Spaces and Complex Analysis
A3 Algebra 2 Rings and Modules
A4 Integration
A5 Topology
A6 Differential Equations 2
A7 Numerical Analysis
A8 Probability
A9 Statistics
A10 Waves Fluids and Fluids-Waves
A11 Quantum Theory

ASO Short Options
5.

Page 293, lines 4-9
In Part B each candidate shall offer a total of eight units from the schedule of units for Part $B$ (see below).
(a) A total of at least six four units offered should be from the schedule of Mathematics Department units.
(b) A candidate may offer up to four units from:
(i) the schedule of Statistics options
(ii) the schedule of Computer Science options
(iii) the schedule of Other options
but may offer no more than two units from each of the above schedules.
(b) (c) Candidates may offer a double unit which is an Extended Essay or a Structured Project.
6.

Page 293, lines 31-39
In Part C each candidate shall offer a total of eight units from the schedule of units for Part C (see below).
(a) All eight units offered should be from those designated as M level.
(b) A total of at least six four of the units offered should be from the schedule of Mathematics Department units.
(c) A candidate may offer up to four units from:
(i) the schedule of Statistics options
(ii) the schedule of Computer Science options
(iii) the schedule of Other options
but may offer no more than two units from each of the above schedules.
(c) (d) Candidates may offer either one unit or one a double unit which is a Dissertation. If the Dissertation is a mathematical topic this would be offered under the schedule of Mathematics Department units. If the Dissertation is on a mathematics-related topic, this would be offered under the schedule of 'other units options'.

Explanatory Notes

