

Mathematical, Physical, and Life Sciences Division

Approved by Division, Proctors and Education Committee

Title of Programme

Master of Science by Coursework – Mathematical and Computational Finance

Brief note about nature of change: Students will be required to submit all assignments for option courses online. This brings the programme in line with the part-time MSc in Mathematical Finance with whom the assignments are shared.

Effective date

With immediate effect

Location of change

In *Examination Regulations* 2011

Detail of change

p. 727, l.16-22

delete:

“Unless otherwise stated each option will be assessed by a written mini-project. Completed mini-projects must be delivered to the Chairman of Examiners, MSc Mathematical and Computational Finance, c/o Examination Schools, High Street, Oxford, by dates which will be specified in the Course Handbook. Mini-projects must be accompanied by a signed statement that the work offered for assessment is the candidate’s own.”

and replace with:

“Unless otherwise stated each option will be assessed by a written mini-project. Completed mini-projects shall be submitted electronically. Submission shall be in accordance with both the details given on the Course Website and with the deadlines which the examiners shall determine and notify candidates of. In exceptional cases where a candidate is unable to submit work electronically, he or she must apply to the Standing Committee for permission to submit the work in paper form to the Examiners, c/o the Academic Administrator for

Mathematical Finance, Mathematical Institute. Such applications must reach the Mathematical Institute not less than two weeks before the deadline for submitting the work.”

Explanatory Notes

The full-time MSc in Mathematical & Computational Finance shares two of its three ‘option’ courses with the part-time MSc in Mathematical Finance. Students on the MSc in Mathematical Finance are permitted to submit the assignments for these courses online (see *Examination Regulations 2011* p. 730, 1.30-33).

For consistency with the MSc in Mathematical Finance, the Supervisory Committee for the MSc in Mathematical & Computational Finance would also like students to submit all their assignments for these option courses (2 per student) online. Online submission has other advantages e.g. it is easier for the students, and allows the programme to archive an electronic version of the assignments.

The online submission system has been used successfully for several years for the MSc in Mathematical Finance. In order to submit work students are required to complete a declaration of authenticity (the wording of which has been recently approved by the Proctors’ Office), and the online system records the time and date of submission, and also accepts, online, work for which an extension to the submission deadline has been approved by the Proctors or Council’s Education Committee.

Applications for assignment extensions and reporting of late submissions for the MSc in Mathematical Finance are dealt with by the Department for Continuing Education.

For the MSc in Mathematical & Computational Finance it is proposed that:

- 1) Following each submission deadline the Course Administrator will compile a list of all late submissions. This will be checked by the Academic Administrator for Mathematical Finance, who will report immediately any late submissions to the Proctors’ Office, so that they may act accordingly under the Examination Regulations. (This is already done for the MSc in Mathematical Finance – the only difference being that late submissions are reported to the Department for Continuing Education rather than direct to the Proctors’ Office.)
- 2) As for any other examined work, any candidate needing to ask in advance for an extension on medical or other urgent grounds would have to apply through his/her college to the Proctors, who would make a decision on the request and would notify interested parties (including the Academic Administrator for Mathematical Finance, Mathematical Institute) what had been agreed.
- 3) Authorised late work would also be submitted online and the Proctors advised (as at 1) of any non-compliance with the agreed deadline.

Mathematical, Physical, and Life Sciences Division

Approved by Chairman's action

Title of Programme**DPhil in Computer Science****Brief note about nature of change:** Changes the provisions governing the length of DPhil theses in Computer Science.**Effective date**

1 October 2012

Location of changeIn *Examination Regulations* 2011**Detail of change**

p. 882, delete II.12-18 and substitute:

"Where some part of the thesis is not solely the work of the candidate or has been carried out in collaboration with one or more persons, the candidate shall submit a clear statement of the extent of his or her own contribution.

In *Computer Science*, the text of a thesis submitted for the Degree of DPhil shall not exceed 250 pages of A4, single-spaced in normal size type, but there is no limit in references, diagrams, tables of empirical data or other forms of computer output, etc. Most theses are between 150 and 200 pages, though what is normal depends on the topic. Theses on certain topics in theoretical computer science tend to be shorter; those that rely on the collection and interpretation of empirical data presented as evidence may be closer to the upper limit.

In *Mathematics* and in *Statistics*, the text of theses submitted for the Degree of D.Phil. shall not exceed 200 pages, A4 size, double-spaced in normal-size type, but there is no limit on references, numerical tables, diagrams, computer output, etc. The normal length of a thesis, however, is nearer 100 pages (exclusive of the material defined above)."

Explanatory Notes

These regulations change the provisions governing the length of DPhil theses in Computer Science, for students first registered on or after 1 October 2012.

G:\Acad Matters\Changes In Regulations\2011-12\1112-18-PGR CS Dphil Length.Docx

1112-14-HPT

Mathematical, Physical and Life Sciences Division

Approved by Chairman's action

Title of Programme

MSc in Mathematical Modelling and Scientific Computing

Brief note about nature of change: clarifies the route through the programme

Effective date

1 October 2012 (for first examination in 2013)

Location of change

In *Examination Regulations* 2011

Detail of change

Delete from p. 731, l.31 to p.732, l.7, and substitute:

"3. Each candidate shall follow a course of study in Mathematical Modelling and Scientific Computing for three terms and their corresponding vacations.

4. Candidates will complete and be assessed on all the following parts:

- i Four written examinations on core course material in mathematical methods and numerical analysis. These examinations will be organised within the department [1 unit each];
- ii Two Special Topics chosen from a list that will be published each year. One special topic should be labelled "Modelling" and one should be labelled "Scientific Computing". These special Topics will be assessed by a written project [1 unit each];
- iii Case Studies in Mathematical Modelling and Scientific Computing. Students will submit a project on each of these courses for assessment [1 unit each];
- iv One further Special Topic or one further Case Study in either Mathematical Modelling or Scientific Computing [1 unit];
- v A dissertation on a topic approved by the examiners. The dissertation need not necessarily contain original research to pass. [4 units]

The detailed requirements will be set out each year on the course website.

5. Three copies of the dissertation must be delivered not later than noon on a date to be specified by the examiners which will normally be a Friday in early September to the Examiners, M.Sc. in Mathematical Modelling and Scientific Computing, c/o Examination Schools, High Street. The examiners may also direct that a copy of the dissertation in pdf or other machine-readable format be made available.

6. Candidates will be required to attend an oral examination at the end of the course of studies."

Explanatory Notes

These regulations clarify the requirements of the course. Clause 4 now describes accurately what students are expected to do to complete the course in terms of core and optional courses and the dissertation. The change to clause 6 makes it clear that all students will be expected to attend an oral examination at the end of the course.

Mathematical, Physical and Life Sciences Division

Approved by Division and Education Committee

Title of Programme

Preliminary examination in Biological Sciences

Brief note about nature of change: Replaces Honour Moderations in Biological Sciences with a Preliminary Examination.**Effective date**

1 October 2012 (for first examination in 2013)

Location of changeIn *Examination Regulations* 2011**Detail of change**

1. p.57, delete ll.12-13
2. p.58, l.6, delete ""
3. delete from p.71 l.22 to p.72, l.16
4. delete p 104 ll.19-38, and substitute:

"Special Regulations for the Preliminary Examination in Biological Sciences**A**

The subjects of the Preliminary Examination in Biological Sciences, the examination, the syllabus, and the number of papers shall be as prescribed by regulation from time to time by the Mathematical, Physical and Life Sciences Board.

B

1. The Biological Sciences Steering Committee shall publish the First Year Biology Handbook not later than the beginning of Michaelmas Full Term before the examination in

the following Trinity Term. Further details of the papers, data handling course, and practical requirements shall be set out in that Handbook.

2. Candidates will be required to offer three papers, each lasting three hours, as follows:

Paper 1: Organisms

Paper 2: Cells and Genes

Paper 3: Ecology

3. All candidates will be required to undertake a course of practical work, including laboratory exercises, computing classes and the first year field course. Practical Class co-ordinators and the convenor for the field course shall make available to the chairman of the examiners records showing the extent to which each candidate has pursued an adequate course of practical work. The Moderators may request coursework from any candidate; such candidates will be named in a list posted one week before the day of the first written paper. Each notebook submitted shall be accompanied by a certificate signed by the candidate indicating that the notebook is the candidate's own work. Failure to complete the coursework to the satisfaction of the Moderators, in the absence of appropriate documentary evidence, will normally constitute failure of the Preliminary Examination. Coursework cannot normally be retaken. Exceptionally a candidate who has failed the coursework may be permitted jointly by the Moderators and the candidate's college to retake the entire academic year.

4. Candidates shall be deemed to have passed the examination if they have satisfied the Moderators in all three papers detailed in clause 2, and in the practical work requirements as outlined in clause 3, either at a single examination, or at two examinations, as set out in clause 5.

5. A candidate who fails in any one of the papers listed in clause 2 must re-sit that paper at one, and only one, subsequent examination. A candidate who fails two or more papers listed in clause 2 must re-sit all three papers at one, and only one, subsequent examination.

6. The Moderators will not provide calculators, but will permit the use of any handheld calculator subject to the conditions set out under the heading 'Use of calculators in examinations' in the Special Regulations concerning Examinations."

Explanatory Notes

These regulations replace the Honour Moderations in Biological Sciences with a Preliminary Examination, in accordance with Education Committee policy.

Mathematical, Physical, and Life Sciences Division

Approved by Division and Education Committee

Title of Programme

Preliminary examination in Computer Science

Brief note about nature of change: Replaces Honour Moderations in Computer Science with a Preliminary Examination.**Effective date**

1 October 2012 (for first examination in 2013)

Location of changeIn *Examination Regulations* 2011**Detail of change**

1. p.57, delete ll.19-20
2. p.58, l.16, delete '*'
3. p.90, delete ll.1-45
4. p.110, delete ll.1-15, and substitute

**Special Regulations for the Preliminary Examination in
Computer Science****A**

The subject of the examination shall be Computer Science.

The syllabus and number of papers shall be prescribed by regulation from time to time by the Mathematical, Physical and Life Sciences Board.

B

1. The Preliminary Examination in Computer Science shall comprise four compulsory written papers plus compulsory Computer Science practicals equivalent to one written paper:

CS1 Functional Programming, and Design and Analysis of Algorithms

CS2 Imperative Programming
CS3 Discrete Mathematics, Probability and Continuous Mathematics
CS4 Digital Systems, Linear Algebra, and Logic and Proof
Computer Science Practicals

2. The syllabus for each paper will be published by the Department of Computer Science in a handbook for candidates by the beginning of the Michaelmas Full Term in the academic year of the examination, after consultation with the Faculty of Computer Science (for papers CS1, CS2, CS3, and CS4) and the Faculty of Mathematics (for paper CS3). Each paper will contain questions of a straightforward character.

3. All candidates will be assessed as to their practical ability under the following provisions:

(a) The Head of the Department of Computer Science, or a deputy, shall make available to the examiners evidence showing the extent to which each candidate has pursued an adequate course of practical work. Only that work completed and marked by noon on Monday of the fifth week of the Trinity Term in which the candidate takes the examination shall be included in these records.

(b) Candidates shall submit to the Chairman of the Moderators in the Preliminary Examination of Computer Science, c/o the Academic Administrator, Oxford University Department of Computer Science, Oxford, by noon on Monday of the fifth week of the Trinity Term in which the examination is being held, their reports of practical exercises completed during their course of study. For a report on a practical exercise to be considered by the moderators, it must have been marked by a demonstrator and must be accompanied by a statement that it is the candidate's own work except where otherwise indicated.

(c) The moderators shall take the evidence (a) and the reports (b) into account in assessing a candidate's performance.

(d) Candidates whose overall performance on practical work is not satisfactory may be deemed to have failed the examination.

4. Candidates shall be deemed to have passed the examination if they have satisfied the Moderators in the five papers in clause 1 either at a single examination or at two examinations in accordance with clause 6 or clause 7.

5. The Moderators may award a distinction to candidates of special merit who have satisfied them in all five papers in clause 1 in one examination.

6. Candidates who fail one or two written papers listed in clause 1 may offer those papers at one, but no more than one, subsequent examination.

7. Candidates who fail three or more written papers may enter the written part of the examination on one, but no more than one, subsequent examination.

8. The use of calculators is generally not permitted but certain kinds may be allowed for certain papers. Specifications of which papers and which types of calculators are permitted for those exceptional papers will be announced by the examiners in the Hilary Term preceding the examination. "

Explanatory Notes

These regulations replace the Honour Moderations in Computer Science with a Preliminary Examination, in accordance with Education Committee policy. The opportunity is taken to revise the written papers.

Mathematical, Physical and Life Sciences Division

Approved by Division and Education Committee

Title of Programme

Preliminary Examination in Engineering Science

Brief note about nature of change: the changes relate to the regulations for the re-sitting of written papers in the Preliminary Examination in Engineering Science.

Effective date

1 October 2012 (for first examination in 2013)

Location of change

In *Examination Regulations* 2011

Detail of change

1. p. 113, delete ll.11-18, and insert:

"2. Candidates must offer all subjects at one examination provided that: (i) a candidate who fails in one or two written papers may offer those written subjects at one subsequent examination; (ii) a candidate who fails three or four written papers must offer all four written subjects at one subsequent examination.

3. Candidates shall be deemed to have passed the examination if they shall have satisfied the Moderators in all four written papers and in the engineering coursework either at a single examination or at two examinations in accordance with the proviso to clause 2. Any written subjects retaken must be passed at the same attempt at a subsequent examination."

2. *ibid*, l.32, delete 'offer one, two, three, or four written papers' and substitute 'offer one, two, or four written papers at the second attempt'

Explanatory Notes

These changes are in line with the communication from the Education Committee on the future format of the First Public Examination.

Mathematical, Physical and Life Sciences Division

Approved by Division and Education Committee

Title of Programme

Preliminary examination in Mathematics and Computer Science

Brief note about nature of change: Replaces Honour Moderations in Mathematics and Computer Science with a Preliminary Examination.**Effective date**

1 October 2012 (for first examination in 2013)

Location of changeIn *Examination Regulations* 2011**Detail of change**

1. p.57, delete ll.26-27
2. p.59, l.10, delete '*'
3. p.93, delete ll.1-45
4. delete from p 130 l.31 to p 131 l.8, and substitute:

**"Special Regulations for the Preliminary Examination in
Mathematics and Computer Science****A**

The subject of the examination shall be Mathematics and Computer Science. The syllabus and number of papers shall be prescribed by regulation from time to time by the Mathematical, Physical and Life Sciences Board.

B

1. The Preliminary Examination in Mathematics and Computer Science shall comprise five compulsory written papers plus compulsory Computer Science practicals equivalent to one written paper:

CS1 Functional Programming, and Design and Analysis of Algorithms
CS2 Imperative Programming
MCS3 Continuous Mathematics and Probability
M1 Mathematics I (as specified for the Preliminary Examination in Mathematics)
M2 Mathematics II (as specified for the Preliminary Examination in Mathematics)
Computer Science Practicals

2. The syllabus for each paper will be published by the Department of Computer Science in a handbook for candidates by the beginning of the Michaelmas Full Term in the academic year of the examination, after consultation with the Faculty of Computer Science (for papers CS1, CS2 and MCS3) and the Faculty of Mathematics (for papers M1, M2 and MCS3). Each paper will contain questions of a straightforward character.

3. All candidates will be assessed as to their practical ability in Computer Science under the following provisions:

(a) The Head of the Department of Computer Science, or a deputy, shall make available to the examiners evidence showing the extent to which each candidate has pursued an adequate course of practical work. Only that work completed and marked by noon on Monday of the fifth week of the Trinity Term in which the candidate takes the examination shall be included in these records.

(b) Candidates shall submit to the Chairman of the Moderators in the Preliminary Examination of Mathematics and Computer Science, c/o the Academic Administrator, Oxford University Department of Computer Science, Oxford, by noon on Monday of the fifth week of the Trinity Term in which the examination is being held, their reports of practical exercises completed during their course of study. For a report on a practical exercise to be considered by the moderators, it must have been marked by a demonstrator and must be accompanied by a statement that it is the candidate's own work except where otherwise indicated.

(c) The moderators shall take the evidence (a) and the reports (b) into account in assessing a candidate's performance.

(d) Candidates whose overall performance on practical work is not satisfactory may be deemed to have failed the examination.

4. Candidates shall be deemed to have passed the examination if they have satisfied the Moderators in the six papers in clause 1 either at a single examination or at two examinations in accordance with clause 6 or clause 7.

5. The Moderators may award a distinction to candidates of special merit who have satisfied them in all six papers in clause 1 in one examination.

6. Candidates who fail one or two written papers listed in clause 1 may offer those papers at one, but no more than one, subsequent examination.

7. Candidates who fail three or more papers may enter the written part of the examination on one, but no more than one, subsequent examination.

8. The use of calculators is generally not permitted but certain kinds may be allowed for

certain papers. Specifications of which papers and which types of calculators are permitted for those exceptional papers will be announced by the examiners in the Hilary Term preceding the examination."

Explanatory Notes

These regulations replace the Honour Moderations in Mathematics and Computer Science with a Preliminary Examination, in accordance with Education Committee policy. The opportunity is taken to revise the written papers in accordance to the revisions for the Preliminary Examination in Mathematics.

Mathematical, Physical and Life Sciences Division

Approved by Division and Education Committee

Title of Programme

Preliminary examination in Mathematics

Brief note about nature of change: Replaces Honour Moderations in Mathematics with a Preliminary Examination.**Effective date**

1 October 2012 (for first examination in 2013)

Location of changeIn *Examination Regulations* 2011**Detail of change**

1. p.57, delete ll.24-25
2. p.59, l.8, delete ""
3. delete p.92 ll.9-46
4. delete p 130 ll.16-30, and substitute:

"Special Regulations for the Preliminary Examination in Mathematics**A**

The subject of the examination shall be mathematics and its applications. The syllabus and number of papers shall be prescribed by regulation from time to time by the Mathematical, Physical and Life Sciences Board.

B

1. Candidates shall take five written papers. The titles of the papers shall be:
 - A. Mathematics I
 - B. Mathematics II
 - C. Mathematics III

- D. Mathematics IV
- E. Mathematics V

2. In addition to the five papers in cl 1, a candidate must also offer a practical work assessment.
3. Candidates shall be deemed to have passed the examination if they have satisfied the Moderators in all five papers and the practical assessment at a single examination or passed all five papers and the practical assessment in accordance with the proviso of cl 4.
4. A candidate who fails to satisfy the Moderators in one or two of papers A-E may offer those papers on one subsequent occasion; a candidate who fails to satisfy the Moderators in three or more of papers A-E may offer all five papers on one subsequent occasion; a candidate who fails to satisfy the Moderators in the practical work assessment may also offer the assessment on one subsequent occasion.
5. The Moderators may award a distinction to candidates of special merit who have passed all five written papers and the practical work assessment at a single examination.
6. The syllabus for each paper shall be published by the Mathematical Institute in a handbook for candidates by the beginning of the Michaelmas Full Term in the academic year of the examination, after consultation with the Mathematics Teaching Committee. Each paper will contain questions of a straight forward character.
7. The Chairman of Mathematics, or a deputy, shall make available to the Moderators evidence showing the extent to which each candidate has pursued an adequate course of practical work. In assessing a candidate's performance in the examination the Moderators shall take this evidence into account. Deadlines for handing in practical work will be published in a handbook for candidates by the beginning of Michaelmas Full Term in the academic year of the examination.

Candidates are usually required to submit such practical work electronically; details shall be given in the handbook for the practical course. Any candidate who is unable for some reason to submit work electronically must apply to the Academic Administrator, Mathematical Institute, for permission to submit the work in paper form. Such applications must reach the Academic Administrator two weeks before the deadline for submitting the practical work.

8. The use of hand held pocket calculators is generally not permitted but certain kinds may be permitted for some papers. Specifications of which papers and which types of calculator are permitted for those exceptional papers will be announced by the Moderators in the Hilary Term preceding the examination."

Explanatory Notes

These regulations replace the Honour Moderations in Mathematics with a Preliminary Examination, in accordance with Education Committee policy. These regulations also include changes to the first year syllabus.

Changes to *Examination Regulations 2011*

1112-11-TPT

Medical Sciences Board

Approved: 25 April 2012

Title of Programme: MSc in Radiation Biology

Brief note about nature of change: To schedule the presentation on the research project after submission of the dissertation on the research project.

Effective date: With immediate effect

Location of change: *Examination Regulations 2011*

Details of change:

1. In *Examination Regulations, 2011*, p. 753, l. 43, delete 'prior to' and substitute 'after'
2. Ibid., ll. 44-45, delete 'on their dissertation'

Explanatory Notes

Previously, candidates have delivered a presentation on their research project to the examiners prior to submission of their dissertation. This compromised the anonymity of the candidates. This change to the regulations removes that conflict by scheduling the presentation after submission of the dissertation, and conducting this at the start of the viva voce examination.

1112-19-TUG

Mathematical, Physical, and Life Sciences Division

Approved by Associate Head of Division (Academic) and on behalf of Education Committee

Title of Programme

MPhys in Physics

Brief note about nature of change: includes in regulations provision for vivas at Part C. The vivas have been in place since 2007-8 and are already notified to students in the Examination Conventions and Project Handbook.

Effective date

With immediate effect

Location of change

In *Examination Regulations* 2011

Detail of change

p. 427, after I.3, insert:

"Candidates may also be examined by viva voce."

Explanatory Notes

These regulations provide for vivas at Part C, in parallel with the existing regulation providing for vivas at Part B. The Part C vivas have been in place since 2007-8 and are already notified to students in the Examination Conventions and Handbooks.

Supplementary Subjects in Some Final Honour Schools

Supplementary subjects in the Honour Schools of Chemistry, Materials Science, Biological Sciences, Medical Sciences, Physiological Sciences, and Molecular and Cellular Biochemistry, 2012-13

The following supplementary subjects will be taught and examined during 2012-13. Details of the availability of supplementary subjects to candidates in different Honour Schools are given in the notes below.

1. *Aromatic and Heterocyclic Pharmaceutical Chemistry*

Lectures: sixteen hours in MT; sixteen hours in HT

Examined: end of HT

2. *History and Philosophy of Science*

Lectures: eight hours in MT; eight hours in HT

Examined: end of HT

3. *Quantum Chemistry*

Lectures: sixteen hours in MT; sixteen hours in HT

Examined: end of HT

4. *Modern Languages*

Lectures: thirty-two hours in TT

Examined: end of TT

5. *Chemical Pharmacology*

Lectures: four hours in MT; twelve hours in HT

Examined: end of HT

6. *Chemical Crystallography*

Lectures: sixteen hours from mid-MT to mid-HT

Examined: end of HT

Notes:

(a) For candidates in Chemistry, all of the above Supplementary Subjects are available.

(b) For candidates in Materials Science, only subjects 2 and 3 are available. [Foreign language provision for Materials students is separate from the Supplementary Subject scheme, for details please see the entry in the Materials Course Handbooks.]

(c) For candidates in Biological Sciences, only subjects 2, 3, and 5 are available.

(d) For candidates in Medical Sciences and Physiological Sciences, only subjects 2 and 5 are available.

(e) For candidates in Molecular and Cellular Biochemistry, only subjects 1, 2, 3, 5 and 6 are available.

(f) Chemistry and Physics will share Language Courses in 2012-13. Details on the languages available can be found at <http://course.chem.ox.ac.uk/supplementary-sub.aspx>.

(g) The list of approved Supplementary Subjects for Medical Sciences can be found at www.mstc.ox.ac.uk/fhshome/fhsoptions/suppsubj.

(h) Details of all Supplementary Subjects can be found at <http://course.chem.ox.ac.uk/supplementary-sub.aspx>.

Mathematical, Physical, and Life Sciences Division

Approved by MPLS Division's Academic Audit Committee

Title of Programme**MSc in Computer Science**

Brief note about nature of change: The regulations simplify and clarify what is required to pass the Trinity Term hurdle, what constitutes failure of that hurdle and what the consequences are, and what requirements a candidate has to meet in order to re-sit the examination.

Effective date

1 October 2012 (for first examination in 2013)

Location of changeIn *Examination Regulations 2011***Detail of change**

1. p.684, l.1, delete "with at least 16 units from Schedules B and C combined", and substitute: "with a maximum of 12 units to be taken from Schedule A"

2. delete from p.684, l.15, to p.685, l.3, and substitute:

"9. Not later than noon on a date in each term to be determined by the examiners, who are responsible for making sure candidates are aware of that date and that the date is announced at the head of the assignment sheet, the completed assignment for each topic must be delivered to the M.Sc. Examiners (Computer Science), c/o Examination Schools, High Street, Oxford. Not later than noon on Wednesday of Week 0 of the following term, practicals for all topics must be delivered to the M.Sc. Examiners (Computer Science), c/o the Post Graduate Taught Course Administrator, Department of Computer Science, Oxford. Topics to be assessed by written examination will take place in Week 0 of the following term. No candidate shall attend classes or receive any form of individual tuition in the subject of an assignment between the time when the assignment is made available to the candidate and the time fixed for the delivery of the

assignment to the examiners.

10. A list of those candidates who have satisfied the examiners in a particular topic shall be posted in the vestibule of the Department of Computer Science within three working weeks of the final date for submission of assignments/within two weeks of the final date for written examinations.

11. Any candidate who has not achieved an average of at least 50 in 24 units of topics by the beginning of Trinity Term shall be deemed to have failed the degree course and will not be permitted to submit a dissertation.

12. To satisfy the examiners for the degree of MSc in Computer Science, a candidate must attain an average of at least 50 (pass) in the assignments or written examination in their best 28 units of topics, pass in the dissertation, pursue an adequate course of practical work and achieve an overall pass in practicals, and unless dispensed under cl.3 (iii) above satisfy the examiners in the viva voce examination.

13. The examiners may award a distinction for excellence in the whole examination.

14. A candidate who fails the examination will be permitted to retake it on one further occasion only, not later than one year after the initial attempt. Such a candidate whose dissertation has been of satisfactory standard may resubmit the same piece of work, while a candidate who has reached a satisfactory standard on the assignments or written examinations will not be required to retake that part of the examination."

Explanatory Notes

These regulations simplify and clarify what is required to pass both the Trinity Term hurdle and the degree course as a whole, what the consequences are of failing to pass the hurdle, and what requirements a candidate who has failed the degree course has to meet in returning to re-sit the examination. It makes clear among other things that a candidate who fails the Trinity Term hurdle may not stay on to work on their dissertation in that academic year, but must return the following year to work on the dissertation as part of their re-sit.

Changes in Examination Regulations to the University Gazette – Social Sciences Division

SSD/2/2/4

Social Sciences Board

Approved by TAC 1 June 2012

Title of programme

Final Honour School of Philosophy, Politics and Economics

Brief note about nature of change:

Change of paper title and rubric of paper 219, based on development of the academic field.

Effective date

From 1 October 2012 (for first examination in 2014)

Location of change

In *Examination Regulations* 2011

Detail of change

1. **P.410, I.44, delete** 'The Sociology of Industrial Societies' **and substitute** 'The Sociology of Post-Industrial Societies'.
2. **P.415, I.3, delete** "The Sociology of Industrial Societies" **and substitute** 'The Sociology of Post-Industrial Societies'.

Explanatory Notes

Course title and rubric updated to reflect the development of the academic field and changing socio-political realities. The societies covered by this paper can no longer be accurately characterised as 'industrial'.

Changes in Examination Regulations to the University Gazette – Social Sciences Division

SSD/2/2/4

Social Sciences Board

Approved by TAC 1 June 2012

Title of programme

Preliminary Examination for Philosophy, Politics and Economics

Brief note about nature of change:

The rubric of the 'Introduction to Politics' paper has been extensively rewritten in order to clarify the expectations of the paper.

Effective date

From 1 October 2012

Location of change

In *Examination Regulations 2011*

Detail of change

1. Delete P.148 I.38 to P.149 I.17, and substitute:

'The paper will be divided into two sections. Candidates are required to answer *four* questions, of which at least one must be from section (a) and two from section (b). Section (b) will be in two parts. Part (b-i) will contain questions on topics set out in para 2, below. Part (b-ii) will contain questions on the political history of the United States of America, the United Kingdom, France, and Germany.

Candidates may choose to answer any combination of questions in section (b), but each part (b-ii) question chosen must relate to a different country (so answers must be on *two* different countries if *two* answers are chosen from (b-ii) and *three* countries if *three* answers). Candidates may, where appropriate, answer questions from part (b-i) exclusively in relation to one of the named countries, but any question chosen from part (b-ii) should not then be on that same country.

Candidates are expected, where appropriate, to show knowledge of the methodological issues involved in both normative and empirical political research.

(a) *Theorizing the Democratic State*

Questions will be set on the following topics: the nature and grounds of democracy; power and influence in the democratic state; ideology; civil society; public choice approaches to democracy; the nature and limits of liberty. Questions will also be set on the following texts: J. J. Rousseau, *The Social Contract*; J. S. Mill, *On Liberty*; Alexis de Toqueville, *Democracy in America*; Karl Marx and Friedrich Engels, *The Communist Manifesto*, *Eighteenth Brumaire of Louis Napoleon*, *Preface to a Critique of Political Economy*, *Critique of the Gotha Programme*, plus readings 14, 37, 39 in David McLellan, ed., *Karl Marx: Selected Writings*, Second Edition (Oxford University Press, 2000).

(b) *Analysis of Democratic Institutions*

Questions in part (b-i) will be set on the following topics: the state and its institutions (executives, legislatures, parties and party systems, courts, constitutions and centre-periphery relations); political representation; the politics of instability; policy continuity and policy change; democratic transitions and consolidation. Questions in part (b-ii) will be set on these topics with reference to the political history of the United States of America since 1932, the United Kingdom since 1945, France since 1946, and Germany since 1932, as outlined in the department's official reading list.

Explanatory Notes

Reason: the rubric has been extensively rewritten in order to clarify the expectations of the paper and to ensure it is clearer to candidates what is required in relation to demonstrating country knowledge.

Changes to Examination Regulations 2011

1112-15-TPT

Medical Sciences Board

Approved: 11th July 2012

Title of Programme: MSc in Integrated Immunology

Brief note about nature of change: Amendment of deadlines for submissions, a re-submission and re-sits.

Effective date: With effect from 1 October 2012

Location of change: *Examination Regulations 2011*

Details of change:

1. In *Examination Regulations*, 2011, p. 713, l. 30, delete 'are' and substitute 'is'
2. Ibid., delete ll. 34-35 and substitute 'Candidates who fail the examination once will be permitted to take it again on one further occasion, in order to proceed with the course.'
3. Ibid., ll. 38-39, delete 'Candidates who fail the examination once, will be permitted to enter for it again no later than Friday of the third week preceding Week 0 of Trinity Term.' and substitute 'Candidates who fail the examination once will be permitted to take it again on one further occasion, in order to proceed with the course.'
4. Ibid., l. 41, delete 'Friday of Week Seven' and substitute 'Monday of Week 8'
5. Ibid., p. 714, l. 3, delete 'Friday of Week Seven' and substitute 'Monday of Week 8'
6. Ibid., l. 8, delete 'third'
7. Ibid., ll. 14-16, delete 'a date to be specified by the Organising Committee and which will be published no later than the end of Week 0 of Trinity Term' and substitute 'noon on the last Monday of July'

Explanatory Notes

The regulations for re-sits of computer-based examinations have been amended: candidates who need to re-sit will be entered for examination automatically, and will need to pass within a reasonable amount of time following their first attempt, so as not to impact on their progression through the rest of the course.

The submission deadlines in Michaelmas and Hilary Terms have been moved from Friday of Week 7 to Monday of Week 8, to ensure that if students submit late, they do not benefit from additional working time over the weekend.

The deadline for candidates to re-submit their clinical commentaries during the academic year has been amended so as to correspond with re-submission deadlines in other terms.

The deadline for submission of the dissertation has been clarified in the regulations.

These changes have also been made to the PG Diploma in Integrated Immunology.

Mathematical, Physical, and Life Sciences Division

Approved by

Title of Programme**MEng Engineering Science**

Brief note about nature of change: the changes are to enable candidates in the Honour School of Engineering Science to exit after three years with a classified honours degree. It is intended that there will be a 2.ii hurdle for candidates to progress to the fourth year and enter for the Part C examination in Engineering Science.

Effective date

For candidates entering the Honour School of Engineering Science in or after October 2012, for first Part A examination in 2013, first Part B examination in 2014, and first Part C examination in 2015.

Location of change

In *Examination Regulations* 2011.

Detail of change

1. p. 214, delete ll.3-5, and substitute:

"For candidates embarking on the Honour School in October 2009, October 2010, and October 2011."

2. p 215, after l. 14 insert:

"For candidates embarking on the Honour School in or after October 2012, taking Part A in or after 2013, taking Part B in or after 2014, and taking Part C in or after 2015."

A

1. No candidate shall be admitted to the examination in this school unless he or she has either passed or been exempted from the First Public Examination.

2. The subject of the examination shall be Engineering Science.

3. The examination in this school shall be under the supervision of the Divisional Board of Mathematical, Physical and Life Sciences, which shall make regulations concerning it, subject always to the provisions of this subsection.
4. (a) The examination shall consist of three parts (A, B, C).
- (b) Parts A, B and C shall be taken at times not less than three, six and nine terms, respectively, after passing or being exempted from the First Public Examination.
- (c) Parts B and C shall be taken in consecutive years save where approval has been given by the Board for an intercalated year of study or industrial attachment between Parts B and C.
- (d) A candidate who obtains only a pass, or fails to satisfy the examiners, may enter again for Part B of the examination on one, but no more than one, subsequent occasion; Part A shall be entered on one occasion only. Part C shall be entered on one occasion only.
5. No candidate may present him or herself for examination in Part C unless he or she has been adjudged worthy of at least second class honours by the examiners in Parts A and B together at the first attempt.
6. (a) A candidate adjudged worthy of at least second class honours in Parts A and B together at the first attempt and worthy of Honours in Part C in Engineering Science may supplicate for the Degree of Master of Engineering in Engineering Science provided that the candidate has fulfilled all the conditions for admission to a degree of the University.
- (b) A candidate who passes Parts A and B together but fails to be adjudged worthy of at least second class honours at the first attempt, or who is adjudged worthy of at least second class honours in Parts A and B together, but who does not enter, or withdraws from, Part C, is permitted to supplicate for the Degree of Bachelor of Arts in Engineering Science (Pass, or Honours with the classification obtained in Parts A and B together, as appropriate); provided that no such candidate may later enter or re-enter the Part C year or supplicate for the degree of Master of Engineering in Engineering Science; and provided in each case that the candidate has fulfilled all the conditions for admission to a degree of the University.
- (c) The Examiners shall give due consideration to the performance in all parts of the respective examinations.
7. The name of a candidate shall not be published in a class list until he or she has completed all parts of the respective examination (Parts A, B, and C for the Master of Engineering in Engineering Science or Parts A and B for students exiting with a Bachelor of Arts in Engineering Science) in accordance with cl. 6 above."

Explanatory Notes

These regulations will enable candidates in the Honour School of Engineering Science to exit with a classified BA honours degree in Engineering Science. This might be by choice or in the event of a candidate failing to meet the 2.ii hurdle in Parts A and B together.

Changes to Examination Regulations 2011

1112-17-TUG

Medical Sciences Board

Approved: 11th July 2012

Title of Examination: Second Examination for the Degree of Bachelor of Medicine

Brief note about nature of change: To remove the requirement for students to undertake a 'shadowing' attachment; instead students will undertake a 'student assistantship'.

Effective date: With effect from 1 October 2012

Location of change: For clarity, the 2011 **print** edition of the *Examination Regulations* has been used. The amendments detailed below supersede changes that were published in the *University Gazette* on Thursday 16 June 2011, No. 4957, Vol. 141, and subsequently on Thursday 10 November 2011, No. 4969, Vol. 142, which concerned the 2010 **print** edition of the *Examination Regulations*.

Details of change:

In *Examination Regulations*, 2011, delete from l. 46 on p. 965 to l. 7 on p. 966 and substitute:

- '(d) A student assistantship with a clinical team; and
- (e) An assessment in procedural skills.'

Explanatory Notes

The Department of Health now requires all Trusts to offer a minimum period of 4 days' shadowing prior to the commencement of F1 posts, which forms part of the F1 employment contract. The GMC now requires all students to undertake a student assistantship. Therefore, shadowing attachments will no longer constitute part of the clinical course and students will instead complete a student assistantship working with a clinical team.

Changes to Examination Regulations 2011

1112-18-TUG

Medical Sciences Board; Faculty of Philosophy; Faculty of Linguistics, Philology and Phonetics; Humanities Divisional Board

Approved: 11 July 2012

Title of Programme: BA in Psychology, Philosophy & Linguistics

Brief note about nature of change: Reference to this new course within the Financial Matters section of the Examination Regulations.

Effective date: With effect from 1 October 2014

Location of change: *Examination Regulations 2011*

Details of change:

In *Examination Regulations*, 2011, p. 1103, after l. 11, insert:

'Psychology, Philosophy, and Linguistics'

Mathematical, Physical, and Life Sciences Division

Approved by Chairman's action

Title of Programme**FHS in Chemistry**

Brief note about nature of change: the draft regulations clarify the requirements for obtaining honours at Part I, and in particular what is required of students who do not obtain honours at the first attempt.

Effective date

1 October 2012 (for first Part IA examinations in 2013, and first Part IB examinations in 2014)

Location of change

In *Examination Regulations* 2011

Detail of change

p. 173, delete ll. 6-10, and substitute:

"8. Part IA and Part II shall be entered on one occasion only. Marks obtained at Part IA will be carried over to Part IB. A candidate who obtains only a pass, or fails to satisfy the examiners, may enter again for Part IB of the examination on one, but no more than one, subsequent occasion subject to the following limitations. Part IB consists of two parts, a set of written examinations and the practical course. A candidate may fail to be awarded honours at Part I for any of the following reasons

- (i) The overall mark at Part I is insufficient for honours, but the honours practical requirement set out in cl.11 below is complete and the practical mark is sufficient for honours. In this case the candidate will only be permitted to re-enter the Part IB written examinations, and the Practical mark will be carried forward.
- (ii) The overall mark at Part I is insufficient for honours, and although the marks for the Part I written examination are sufficient for honours and sufficient practicals have been completed to fulfil the requirement set out in cl.11 below, the marks for the practical course are not sufficient for honours. In this case the candidate will only be permitted to re-enter to repeat failed practicals. The marks for the

- written examination will be carried forward.
- (iii) The overall mark at Part I is insufficient for honours, and although sufficient practicals have been completed to fulfil the requirement set out in cl.11 below, the marks for both the written examination and the practical course are insufficient for honours. In this case, the candidate must re-enter both the Part IB written examinations and repeat failed practicals.
 - (iv) The practical requirement set out in cl.11 below is incomplete, but the marks in the Part I written examination are sufficient for honours. In this case the candidate will only be permitted to re-enter to complete the practical requirement to honours standard. The written examination marks will be carried forward."

Explanatory Notes

The draft regulations clarify the requirements for obtaining honours at Part I, and in particular what is required of students who do not obtain honours at the first attempt.

Mathematical, Physical, and Life Sciences Division

Approved by Chairman's action

Title of Programme

FHS of Geology/Earth Sciences

Brief note about nature of change: clarifies the requirements for submitted and practical work by reference to guidance published in the Course Handbook.

Effective date

1 October 2013 (for first examination in 2014)

Location of change

In *Examination Regulations* 2011

Detail of change

1. p.259, l.10, after 'report on an individual mapping or practical project,' insert 'prepared according to the guidelines set out in the Course Handbook,'
2. *ibid.*, l.13, after 'an extended essay,' insert 'prepared according to the guidelines set out in the Course Handbook,'
3. *ibid.*, l.40, after 'either an extended essay, or a report on an advanced practical project or other advanced work,' insert 'prepared according to the guidelines set out in the Course Handbook,'

Explanatory Notes

The changes clarify the requirements for submitted and practical work by reference to guidelines published in the Course Handbook. The Course Handbook is published annually, and the candidates work on these elements of their programme within the academic year in which they are examined, some students may have started work on their mapping projects during the summer vacation, hence the effective date being October 2013.

Mathematical, Physical, and Life Sciences Division

Approved by Chairman's action

Title of Programme**FHS in Physics**

Brief note about nature of change: The regulations enable a candidate for the MPhys in Physics who wishes to do so, or who fails to obtain Honours in Part C, to supplicate for the Degree of BA in Physics, without having to undertake any further project work needed to satisfy accreditation requirements. This follows the accrediting body relaxing its requirement with regard to the amount of project, subject to Physics reporting to the Institute of Physics on the impact.

Effective date

1 October 2012 (for first Part B examination in 2013)

Location of changeIn *Examination Regulations* 2011**Detail of change**

Delete from p.424, l.32 to p.425, l.9, and substitute:

"(5) A candidate who has satisfied the requirements for Part A and Part B of the four-year course, but who does not start or enter Part C or who fails to obtain Honours in Part C is permitted to supplicate for the Degree of Bachelor of Arts in Physics (Pass, or Honours with the classification obtained in Parts A and B together, as appropriate); provided that no such candidate may later enter or re-enter the Part C year, or supplicate for the degree of Master of Physics; and provided in each case that the candidate has fulfilled all the conditions for admission to a degree of the University."

Explanatory Notes

The regulations enable a candidate for the MPhys in Physics who wishes to do so, or who fails to obtain Honours in Part C, to supplicate for the Degree of BA in Physics, without having to undertake any further project work needed to satisfy accreditation requirements.

This follows the accrediting body relaxing its requirement with regard to the amount of project, subject to Physics reporting to the Institute of Physics on the impact.

G:\Acad Matters\Changes In Regulations\2011-12\1112-22-HUG Phys Exit Route.Docx

Mathematical, Physical, and Life Sciences Division

Approved by Chairman's action

Title of Programme

Preliminary Examination in Earth Sciences

Brief note about nature of change: The change in regulations clarifies what is required to pass the Preliminary Examination, in line with Education Committee's policy in this area.

Effective date

1 October 2012 (for first examination in 2013)

Location of change

In *Examination Regulations* 2011

Detail of change

1. p. 111, ll.29-31, delete "and provided further ... at a subsequent examination,"
2. Ibid., delete ll.39-44.
3. Ibid., l.45, delete "7" and substitute "8".

Explanatory Notes

These regulations clarify what is required to pass the Preliminary Examination, in line with Education Committee's policy in this area.

Changes to Examination Regulations 2011

1112-16-TPT

Medical Sciences Board

Approved: 11th July 2012

Title of Programme: Postgraduate Diploma in Integrated Immunology

Brief note about nature of change: Amendment of deadlines for submissions, a re-submission and re-sits.

Effective date: With effect from 1 October 2012

Location of change: *Examination Regulations 2011*

Details of change:

1. In *Examination Regulations, 2011*, p. 997, ll. 29-31, delete 'Candidates who fail the examination once, will be permitted to enter for it again no later than Friday of the week preceding Week 0 of Hilary Term.' and substitute 'Candidates who fail the examination once will be permitted to take it again on one further occasion, in order to proceed with the course.'
2. Ibid., delete ll. 34-36 and substitute 'Candidates who fail the examination once will be permitted to take it again on one further occasion, in order to proceed with the course.'
3. Ibid., l. 38, delete 'Friday of Week 7' and substitute 'Monday of Week 8'
4. Ibid., p. 998, l. 5, delete 'Friday of Week Seven' and substitute 'Monday of Week 8'
5. Ibid., l. 11, delete 'third'

Explanatory Notes

The regulations for re-sits of computer-based examinations have been amended: candidates who need to re-sit will be entered for examination automatically, and will need to pass within a reasonable amount of time following their first attempt, so as not to impact on their progression through the rest of the course.

The submission deadlines in Michaelmas and Hilary Terms have been moved from Friday of Week 7 to Monday of Week 8, to ensure that if students submit late, they do not benefit from additional working time over the weekend.

The deadline for candidates to re-submit their clinical commentaries during the academic year has been amended so as to correspond with re-submission deadlines in other terms.

These changes have been made to the MSc in Integrated Immunology.

