1617-33-TPT

Mathematical, Physical and Life Sciences Divisional Board

Approved by the Professional Programmes Supervisory Committee by Chair's action (14th October 2016)

Title of Programme/ Name of Regulation [if general)]

Software Engineering Programme/ Regulation, D. Eligibility for awards: study and examinations

Brief note about nature of change: to include reference to modules from the Software Engineering Programme that students may complete and have assessed prior to commencing a programme of study. These are known informally as "taster modules".

Effective date

With students starting from Michaelmas Term 2017

For first examination from 2017-18

Location of change

http://www.admin.ox.ac.uk/examregs/2016-17/softengiprog/

Detail of change

Replace:

[1.52] 14. Provided the Supervisory Committee is satisfied that a candidate has undertaken equivalent study, of an appropriate standard, normally at another institution of higher education, the committee shall have the discretion to permit the candidate to be exempted from attending, and submitting the written assignment for, modules chosen from Schedule A, B, or C, as required under clause 12 above as follows:

- a. For the M.Sc.: up to two of the total of ten modules for which written assignments are required;
- b. For the award of the Postgraduate Diploma: up to two of the total of eight modules;
- c. For the award of the Postgraduate Certificate: up to one of the total of four

modules.

With:

Provided the Supervisory Committee is satisfied that a candidate has undertaken equivalent study, it shall have the discretion to permit the candidate to be exempted from attending, and submitting the written assignment for, modules chosen from Schedule A, B, or C, as required under clause 12 and 13 above as follows:

- a. For the M.Sc.: up to two of the total of ten modules for which written assignments are required;
- b. For the award of the Postgraduate Diploma: up to two of the total of eight modules;
- c. For the award of the Postgraduate Certificate: up to one of the total of four modules.

That equivalent study might consist of modules from Schedule A, B, or C completed and assessed prior to the commencement of the student's period of study; or it might take the form of courses of an appropriate standard from another institution of higher education. In either case, the equivalent study should have been completed no longer than 2 years prior to matriculation.

Explanatory Notes

Students frequently complete a number of “taster” modules before deciding to start a programme of study with the Software Engineering Programme. This regulation change will allow students to count taster modules as part of the required quota for their particular programme of study, at the discretion of the Programme Director and the Supervisory Committee.

1617-32-TPT

MPLS Divisional Board

Approved at the meeting of MFoCS Supervisory Committee 25th May 2017

Title of Programme/ Name of Regulation

MSc in Mathematics and Foundations of Computer Science

Brief note about nature of change: amendment to submission deadlines for mini projects and location of deadline information for the written assignments.

Location of change

In *Examination Regulations 2016* https://www.admin.ox.ac.uk/examregs/2016-17/mosbcimafofcompscie/administratorview/

Effective date

For students starting from MT 2017

For first examination from 2017-18

Detail of change

(cit 1.9) 6. Each candidate in consultation with their supervisor shall notify the director of the course of their intention to offer a written assignment for a lecture course not later than the ~~Friday of the third week of each term~~ deadlines as specified in the Course Handbook. No candidate may offer more than four courses in one term. There will be a written assignment for each course. The topics in the assignment will be suggested by the relevant lecturer not later than the ~~Monday~~ Friday of eighth week of the term during which the course is given. These topics will be sufficient to offer options appropriate to the course. The choice of topics will vary from year to year. Completed assignments must be delivered not later than noon on the date specified by the examiners in the Course Handbook ~~Monday of the eleventh week of the term during which the course is offered~~, to the M.Sc. Examiners (Mathematics and Foundations of Computer Science), c/o Examination Schools, High Street, Oxford, together with a signed statement that the work offered for assessment is the candidate's own.

(cit 1.10) 7. A candidate who does not submit a written assignment on a course for which he or she has entered, by noon on the ~~Monday of the eleventh week of the relevant term~~

deadline specified in the Course Handbook, shall be deemed to have failed the course in question.

Explanatory Notes

Updates brought about by a trial change to the submission deadline for Hilary Term assignments. As such the dates are no longer consistent each term so students are referred to the course handbook which will provide this detail.

1617-34-TUG

MPLS Divisional Board

Approved at the meeting of: Chemistry Teaching Committee 2017

Title of Programme/ Name of Regulation

Honour School of Chemistry

Brief note about nature of change:

A change that's correcting a contradiction between Part A and Part B

Location of change

In *Examination Regulations 2016* : http://www.admin.ox.ac.uk/examregs/2016-17/hschoofchem/administratorview/

Effective date

For students starting from: MT 2015

For first FHS examination from 2017-18

Detail of change

1. Amend citation reference as follows

Honour School of Chemistry

A

1.5 5. A candidate shall not be awarded a classified degree until he or she has completed all parts of the examinations, and has been adjudged worthy of honours by the examiners in Part I (Part IA and Part IB) and Part II of the examination ~~in consecutive years~~. The Examiners shall give due consideration to the performance in all parts of the respective examinations.

Explanatory Notes

Minor correction to Part A regulations which clarifies a contradiction between Part A and Part B.

Board: Mathematical, physical and life sciences division

Approved at the meeting of MPLS Graduate School Committee on 31 October 2017

Change 1:
Rationale: No substantive change. This change replaces text with hyperlinks
With effect from the start of HT 2018
https://www.admin.ox.ac.uk/examregs/2017-18/grgoveresedegr/

In 'General Regulations Governing Research Degrees', in §4. Residence and other Requirements of Probationer Research Students

In the following paragraph:

> 9. For a full-time Probationer Research Student registered on a doctoral training programme listed in the special regulations for the Mathematical, Physical and Life Sciences and the Medical Sciences Division. Found in the 'Research Degrees in the Mathematical, Physical and Life sciences Division' and 'Research Degrees in the Medial Sciences' sections, the maximum number of terms for which he or she may hold that status is ~~as~~ specified in the special regulations.

Delete

> "Found in the 'Research Degrees in the Mathematical, Physical and Life sciences Division' and 'Research Degrees in the Medial Sciences' sections"

and place hyperlinks in the previous sentence as follows:

> "For a full-time Probationer Research Student registered on a doctoral training programme listed in the special regulations for the Mathematical, Physical and Life Sciences and the Medical Sciences Division"

Where the MPLS hyperlink is: https://www.admin.ox.ac.uk/examregs/2017-18/dtproginmpls/

And the Medical Science hyperlink is: https://www.admin.ox.ac.uk/examregs/2017-18/msdocttraicent/

Change 2:
Change and rationale: Permission to undertake their research in a well-found laboratory outside the University for MPLS doctoral students to be granted by the Director of the Graduate School in MPLS, rather than the Head of the MPLS division. This is more proportionate and reflects existing practice.
With effect from the start of HT 2018
https://www.admin.ox.ac.uk/examregs/2017-18/rdtm-palifesciedivi/

In

19. Research Degrees in the Mathematical, Physical and Life Sciences Division

1. PERMISSION TO WORK IN A WELL-FOUND LABORATORY OUTSIDE THE UNIVERSITY

Last sentence.

Change as follows

> Dispensation from these rules shall be sought from ~~the Head of the Mathematical, Physical and Life Sciences Division~~ Director of the Graduate School through the departmental Director of Graduate Studies.

Change 3:
Remove sections 2 and 3 of the MPLS divisional regulations, as these duplicate:

a) Section 14: General regulations General Regulations Governing Research Degrees
b) Section 19: Special regulations for Research Degrees in Biological Sciences , in Mathematical Sciences and in Physical Sciences
c) Education Committee University Policy & guidance on Research Degree.

With effect from the start of HT 2018

https://www.admin.ox.ac.uk/examregs/2017-18/rdtm-palifesciedivi/

In Section 19: Research Degrees in the Mathematical, Physical and Life Sciences Division

Delete section 2 and 3

~~**2. TRANSFER OF STATUS AND CONFIRMATION OF STATUS**~~

~~1. *Transfer of Status*~~

~~All research students will be admitted to the status of Probationer Research Student in the first instance. The status of Probationer Research Student may be held for a maximum of four terms (other than students registered on the doctoral training programmes listed in the Doctoral Training Programmes in MPLS section). Probationer Research Students should normally apply to transfer status to M.Sc. by Research or D.Phil. status before the end of the fourth full-term from admission, subject to the further guidance below. Cases to defer applications for the transfer of status must be made by the candidate with the supervisor's support to the departmental Director of Graduate Studies by the end of the fourth full term after admission. Approval will only be granted in exceptional circumstances, in accordance with section §4 of the General Regulations Governing Research Degrees, set out in §4.~~

~~*In the Biological Sciences* (the Departments of Plant Sciences and Zoology), candidates should apply to transfer from the status of Probationer Research Student by the end of the fourth full-term after admission as a research student.~~

~~*In the Mathematical Sciences* (the Departments of Computer Science, Mathematics and Statistics) students in Category A (those who have had no previous experience of research work, and normally all candidates in the Department of Computer Science) should apply to transfer from the status of Probationer Research Student between the second and fourth full-term after admission as~~

a research student. Students with no previous experience of research work are advised to apply in the third full-term after admission. Students in Category B (those who have had previous experience of research work who may have completed a taught master's course) should apply to transfer immediately after admission to Probationer Research Student status. (This category is only available to candidates in the Department of Computer Science in exceptional circumstances with the approval of the Director of Graduate Studies.)

In the Physical Sciences (the Departments of Chemistry, Earth Sciences, Engineering Science, Materials and Physics), candidates should apply to transfer from the status of Probationer Research Student in the third or fourth full-term after admission as a research student.

In the *Biological Sciences*, *Mathematical Sciences*, and *Physical Sciences*, a first application for transfer of status must take place within the six term limit of PRS status, as set out in the General Regulations Governing Research Degrees, §4. Any application outside those limits (other than in the General Regulations Governing Research Degrees, §4, cl.6), must be approved by or on behalf of Education Committee.

Doctoral training programmes, the regulations applying to research students following doctoral training programmes are set out in the Doctoral Training Programmes in MPLS Section.

Advice on the timing of transfer of status in each department will be provided by the departmental Director of Graduate Studies.

> Applications to transfer status should be considered by a minimum of two assessors on behalf of the Board of the Mathematical, Physical and Life Sciences Division, one of whom may be the student's academic advisor, but neither of whom should be the student's supervisor nor normally a member of his/her supervisory team. Each department has its own assessment procedures, which should include as a minimum the following four components:
>
> (i) completion of the appropriate graduate studies application forms to be submitted to the Divisional Graduate Studies Office, 9 Parks Road;
>
> (ii) submission of written work by the student. For example: a progress report; a literature review; any required course work; a plan for the development of the student's research; any published papers. Each department will set out its own requirements in this area;
>
> (iii) an interview between the student and his/her assessors. The process of assessment must always include an interview with the candidate if the assessors cannot recommend transfer to D.Phil. status;
>
> (iv) the student should have made a brief presentation or talk whilst a Probationer Research Student. This need not be part of the transfer interview.

A report will be written to provide feedback to the student, their supervisor, and college. The report will include an assessment of the viability and suitability of the proposed research, and of its completion on a reasonable timescale.

A candidate whose first application for transfer to D.Phil. status is not approved, shall be permitted to make one further application, and shall be granted an extension of time for one term if this is necessary for the purposes of making the application.

These procedures are also set out in the Division's Postgraduate Research Student Handbook.

2. *Confirmation of Status*

Confirmation of status for D.Phil. students must take place no later than nine terms after admission to graduate status. Students are advised to apply for their first attempt at confirmation of D.Phil. status by the end of the eighth full term after admission as a graduate research student.

Doctoral training programmes, the regulations applying to research students following doctoral training programmes are set out in the Doctoral Training Programmes in MPLS Section.

Students are encouraged very strongly to apply for confirmation of status at least six–twelve months before they expect to submit their thesis for examination to make this process a constructive part of the development of the student's research. The application for confirmation of status must be made and approved before requesting the formal appointment of examiners.

The requirements for confirmation of status may vary for each department within the following framework:

(i) completion of the appropriate graduate studies application forms to be submitted to the Divisional Graduate Studies Office, 9 Parks Road. The candidate and their supervisor are required to provide a clear indication of progress to date, and the timetable for submission of the thesis;

(ii) all applications must be reviewed by two assessors, one of whom may be the departmental Director of Graduate Studies, but neither of whom should be the candidate's supervisor;

(iii) the candidate should produce a brief written report about their research achievements to date. The specific requirements will be set out by the department, for example a publication(s) or draft chapter(s) from the candidate's thesis, a plan and the timetable for submission of the thesis;

(iv) an interview between the student and their assessors.

The assessor(s) will write a brief report to provide feedback to the candidate, the supervisor, and college. The report will include an assessment of progress and submission of the thesis within the planned timescale.

A candidate whose first application for confirmation of status is not approved, shall be permitted to make one further application, normally within one term of the original application, and shall be granted an extension of time for one term if this is necessary for the purposes of making the application.

~~If a candidate's application for confirmation of status is unsuccessful, the board may approve a transfer from D.Phil. to M.Sc. by Research status.~~

~~Cases to defer applications for the confirmation of status must be made by the candidate with the supervisor's support to the departmental Director of Graduate Studies by the end of the ninth full-term after admission. Approval will only be granted in exceptional circumstances. Students may apply to defer confirmation of status for a maximum of three terms. The Director of Graduate Studies in each department may decide how many terms, up to the maximum, a candidate may be allowed to defer.~~

~~These procedures are also set out in the Division's Postgraduate Research Student Handbook.~~

~~3. APPOINTMENT OF EXAMINERS~~

~~In applying for appointment of examiners, candidates should note that a supervisor is disqualified from appointment, and that the divisional board will not normally appoint as examiner individuals previously closely associated with the candidate or his or her work, representatives of any organisation sponsoring the candidate's research, representatives of any organisation at which a candidate dispensed from residence under the provisions of cl.1 above, is based, or former colleagues of the candidate. In particular, an examiner, whether internal or external, who has played a significant part in advising the candidate is inappropriate and particularly so where the collaboration has led to the publishing of joint papers by the candidate and the examiner. It is accepted that examiners will usually be acquainted with the supervisor, and sometimes the candidate, and that this in itself is not a bar to acting as an examiner. Dispensation from this rule should be sought from the Head of Division through the departmental Director of Graduate Studies.~~

Change 4:
Insert new divisional regulation for Examination by integrated thesis in section 19 as a new section 2. These regulations are required by the University's Education Committee following its agreement that each division should set out separate regulations for this.

With effect from HT 2018

https://www.admin.ox.ac.uk/examregs/2017-18/rdtm-palifesciedivi/

2: Examination by integrated thesis

An integrated thesis may constitute an acceptable thesis for students registered on the following programmes: DPhil and MSc by Research Physical & Theoretical Chemistry, DPhil and MSc by

Research Earth Sciences, DPhil and MSc by Research Plant Sciences, DPhil and MSc by Research Statistics, DPhil and MSc by Research Zoology.

An integrated thesis may either be a hybrid of conventional chapters and high-quality scientific papers, or be fully paper-based. Regardless of the format, the content of the thesis should reflect the amount, originality and level of work expected for a conventional thesis. It should not be assumed that the act of publication (in whatever form) means the work is of suitable academic quality and content for inclusion in a thesis, and students should discuss all papers in detail with their supervisor before including. It would be anticipated that the candidate would be a lead contributor, rather than a minor author, on at least some of the papers in order to consider this format. There is no minimum, or maximum, number of papers a candidate is expected/allowed to include as part of such a thesis and it will remain a matter for the examiners to conclude whether the contributions are equivalent to that which would be expected of a standard DPhil.

Any papers utilised must concern a common subject, constitute a continuous theme and conform to the following guidelines:

(i) If a candidate for the Degree of Doctor of Philosophy wishes to be examined through an integrated thesis, they should apply for permission to be examined in this way when they apply for confirmation of status, as detailed in the relevant departmental handbook. A candidate for the Degree of Master of Science by Research should normally apply for permission to be examined in this way six months before submitting their papers for examination. To revert to being examined by a conventional thesis rather than an integrated thesis, the candidate must inform their department of the change as detailed in the relevant departmental handbook.

(ii) Work can be included regardless of its acceptance status for publication but candidates may be questioned on the publication status of their work by the examiners.

(iii) Any submitted/published papers should relate directly to the candidate's approved field of study, and should have been written whilst holding the status of PRS or a student for the MSc (by Research), or DPhil.

(iv) The collection of papers must include a separate introduction, a full literature review, discussion and a conclusion, so that the integrated thesis can be read as a single, coherent document.

(v) The candidate must ensure all matters of copyright are addressed before a paper's inclusion. A pre-print version of any published papers should be included as standard.

(vi) Joint/multi-authored papers are common in science based subjects and thus acceptable if the candidate can both defend the paper in full and provide a written statement of authorship, agreed by all authors, that certifies the extent of the candidate's own contribution. A standard template is available for this purpose.

The length and scope of theses, including word limits for each subject area in the Division are set out in Departmental guidelines.

Change 5:
Delete those regulations within 'Research Degrees in Biological Sciences' and within 'Research Degrees in Mathematical Sciences' (Statistics only) that are replaced by the new divisional regulation for Examination by integrated thesis.

With effect from the start of HT 2018

Within Research Degrees in Biological Sciences: https://www.admin.ox.ac.uk/examregs/2017-18/rdinbiolscie/

Delete:

~~A set of scientific papers prepared as for publication, but not necessarily yet published, that concern a common subject may constitute an acceptable thesis, provided that with the addition of an Introduction, General Discussion, and General Conclusions they constitute a coherent body of work. Such papers should either be incorporated as typescript pages or as offprints bound in to the body of the thesis. Papers written in collaboration should not be included unless the greater part of the work is directly attributed to the candidate himself or herself, and the supervisor so certifies. Joint papers may however be included as appendices in a thesis.~~

Within Research Degrees in Mathematical Sciences: https://www.admin.ox.ac.uk/examregs/2017-18/rdinmathscie/

Delete:

~~For students in Statistics a set of scientific papers prepared as for publication, but not necessarily yet published, that concern a common subject may constitute an acceptable thesis, provided that with the addition of an Introduction, General Discussion, and General Conclusions they constitute a coherent body of work. Such papers should either be incorporated as typescript pages or as offprints bound in to the body of the thesis. Papers written in collaboration should not be included unless the greater part of the work is directly attributed to the candidate himself or herself, and the supervisor so certifies. Joint papers may however be included as appendices in a thesis. Candidates should note that the acceptance of such material for publication does not of itself constitute proof that the work is of sufficient quality or significance to merit the award of the degree concerned. This remains a judgement of the relevant board on the recommendation of its examiners.~~

~~Candidates with some published work may also include that as part of a traditional thesis, normally as an appendix.~~

~~Approval to submit a thesis using this format must be sought in advance from the appropriate Director of Graduate Studies, and should have the support of their supervisor~~

Change 6:

Corrections and clarifications to the divisional regulations for doctoral training programmes

a) Correct an error made during a previous regulation change ((4 June 2015) in 1 (a) (i). The CDT in the 'Science and Application in Plastic Electronic Materials' is listed in both 1(a) (i) and in 1 (b). It should only be appear in one of these lists, and that is in 1(b).

b) The meaning of paragraph 2e is confusing, and refers readers back to general regulations, which in turn refer readers back to paragraph 2(e). The paragraph has been replaced by additional sentences in 2(a) to convey the intended meaning, which is that the the six term limit for PRS status for a student on a doctoral training programme can be extended by up to 2 terms to a maximum of 8 terms (just as the 4 term limit on a standard non-CDT programme can be extended by 2 terms to a maximum of 6 terms).
c) Complete a sentence that is currently incomplete in *paragraph 4*, possibly due to a drafting error made during a previous regulation change (4 June 2015).

With effect from the start of HT 2018

https://www.admin.ox.ac.uk/examregs/2017-18/dtproginmpls/

Doctoral Training Programmes in MPLS

1. *Programmes covered by these regulations*

(a) The regulations in cl. 2, 3, and 4 shall apply to all research students registered on the following doctoral training programmes, irrespective of the division or department they are based within for their research project:

(i) Centres for Doctoral Training in: Autonomous Intelligent Machines and Systems; Biomedical Imaging; Cyber Security; Healthcare Innovation; Industrially Focused Mathematical Modelling; Oil and Gas; Partial Differential Equations: Analysis and Applications; Renewable Energy Marine Structures; ~~Science and Application of Plastic Electronic Materials~~; Science and Technology of Fusion Energy; Statistical Science; Systems Approaches to Biomedical Science; Synthesis for Biology and Medicine; and Synthetic Biology;

(ii) Doctoral Training Centres in: Life Sciences Interface; and Systems Biology;

(iii) Doctoral Training Partnership in Environmental Research;

(iv) Doctoral Training Partnership in Interdisciplinary Bioscience;

(v) Students for the DPhil in Cardiovascular Medicinal Chemistry.

The programmes listed in (i), (ii) and (v) shall be under the supervision of the Board of the Mathematical, Physical, and Life Sciences Division.

The programmes listed in (iii) shall be under the joint supervision of the Boards of the Mathematical, Physical, and Life Sciences Division, and the Social Sciences Division. They shall appoint a Management Board to run the programme.

The programme listed in (iv) shall be under the joint supervision of the Boards of the Mathematical, Physical, and Life Sciences Division, and the Medical Sciences Division. They shall appoint a Management Board to run the programme.

(b) The regulations in cl. 2, 3, and 4 shall not apply to the doctoral training programmes listed below. Students shall be registered for the first year of their programme as follows:

(i) Centre for Doctoral Training in Gas Turbine Aerodynamics: students shall be registered for the first year of this programme at the University of Cambridge,

(ii) Centre for Doctoral Training in Science and Application of Plastic Electronic Materials: students shall be registered for the first year of this programme at the Imperial College of Science and Technology,

(iii) Centre for Doctoral Training in Diamond Science and Technology: students shall be registered for the first year of this programme at the University of Warwick,

(iv) Centre for Doctoral Training in Theory and Modelling in Chemical Sciences shall be registered for the first year of this programme on the MSc in Theoretical and Computational Chemistry.

These programmes shall be under the supervision of the Board of the Mathematical, Physical, and Life Sciences Division.

Students on the programmes listed in b (i)-(iii) must pass the postgraduate taught course that they are registered on for the first year in order to be admitted to the status of Probationer Research Student. Students on the programme listed in b (iv) must meet the conditions specified in the regulations for the MSc in Theoretical and Computational Chemistry in order to be admitted to the status of Probationer Research Student. Students listed in b (i) to (iv) who are admitted to the status of Probationer Research Student may hold that status for up to four terms. The General Regulations Governing Research Degrees and the regulations for Research Degrees in Physical Sciences shall then apply.

2. *Probationer Research Student Status*

(a) Students admitted to the doctoral programmes listed in (1) (a) shall hold the status of Probationer Research Student for a maximum of six terms.

(b) Students admitted by The University of Warwick to the Centre for Doctoral Training in Statistical Science, and students admitted by the University of Bristol or the University of Warwick to the Centre for Doctoral Training in Synthetic Biology, and students admitted by the University of Nottingham to the Centre for Doctoral Training in Biomedical Imaging shall be matriculated and hold the status of Probationer Research Student Status at the University of Oxford for the first three terms of their doctoral training programme.

(c) A Probationer Research Student on a doctoral training programme listed in (1) (a) shall apply for admission to D.Phil. status normally before the end of the fifth term, and no later than the eighth week of the sixth term.

(d) A Probationer Research Student registered on the Centre for Doctoral Training in Renewable Energy Marine Structures programme may choose to apply for admission to either the degree of

Doctor of Engineering or the degree of Doctoral of Philosophy. A Student must choose which degree to apply for no later than the end of the third full-term. The Regulations below apply to students seeking to apply for and supplicate for the degree of Doctor of Philosophy. For students seeking to apply for the degree of Doctor of Engineering, the Regulations for the Doctor of Engineering shall apply.

(e) A candidate whose first application for transfer to D.Phil. status is not approved shall be permitted to make one further application, following the procedures laid down in the General Regulations Governing Research Degrees §4, clauses 1-4, and shall be granted an extension of time for one term if this is necessary for the purposes of making the application.

(f) Subject to the approval of the divisional board, and for good cause, a student may be permitted to hold the status of PRS prior to the first application for transfer of status for a further one or two terms, on the condition that the first application for transfer of status is submitted and assessed within eight terms of the student being admitted to PRS status. Any application outside this limit (other than in clause 2(e) above) must be approved by or on behalf of Education Committee.

~~(e) The Education Committee regulations applying to a Probationer Research Student on a doctoral training programme that govern applications for transfer from Probationer Research Student Status are set out under General Regulations Governing Research Degrees §4 cl.6; and extensions to the maximum number of terms specified above are set out under General Regulations Governing Research Degrees §4 cl.7.~~

~~(f)~~ (g) A Probationer Research Student on a doctoral training programme shall cease to hold such status in accordance with General Regulations Governing Research Degrees §4.10 (i)–(iii).

~~(g)~~ (h) The board may grant a student suspension from the Register of those admitted to the status of Probationer Research Student or deprive a student of his or her status; and in such cases it shall at all times follow procedures determined by the Education Committee by regulation. The board may also reinstate a student to the Register, provided that the total number of terms a Student has spent as a Probationer Research Student has not exceeded eight terms in the case of a Student on a doctoral training programme listed in (1) (a).

3. *Confirmation of Status as a Student for the Degree of Doctor of Philosophy*

A candidate on a doctoral training programme listed in (1) (a) who has been admitted to the status of Student for the Degree of Doctor of Philosophy must apply to the board for confirmation of his or her status as a D.Phil. Student no later than the eighth week of the tenth term after admission as a research student; and not normally earlier than the ninth term after that in which he or she was initially admitted to the status of a Probationer Research Student or to the status of a student for another higher degree of the University.

A Student for the Degree of Doctor of Philosophy on a doctoral training programme listed in (1) (a) shall cease to hold such status unless it has been confirmed within ten terms of his or her admission to Probationer Research Student status.

4. *Other requirements for students for the Degree of Philosophy following a doctoral training programme*

A full-time Student for the Degree of Doctor of Philosophy following a doctoral training programme may hold that status for twelve terms from admission to Probationer Research Student status~~, or nine terms from admission to Probationer Research Student status.~~

Mathematical, Physical and Life Sciences Division

Approved at the meeting of: see below

Research Degrees in the Mathematical, Physical and Life Sciences Division

Brief note about nature of change: small addition to the new regulations for examination by integrated thesis published on 30/11/17, which were agreed by MPLS Graduate School Committee on 30/10/17. This small change was approved at the MT17 Faculty meeting of Engineering Science, the DGS Engineering Science, and by the Head of Academic Office in MPLS.

The original change created new divisional regulation for examination by integrated thesis within MPLS, and listed which degrees this would apply to.

Since that regulation change was published, an additional department, namely Engineering, also wishes to offer DPhil and MSc by Research candidates the opportunity to be examined by integrated thesis.

Effective date

The new regulations for integrated thesis in MPLS are with effect from HT 2018, so we ask that the changes in Engineering are with effect from as soon as possible within HT 2018 as well.

Location of change

https://www.admin.ox.ac.uk/examregs/2017-18/rdtm-palifesciedivi/

In 19. Research Degrees in the Mathematical, Physical and Life Sciences Division

In 2: Examination by integrated thesis

In the first paragraph, add the underlined element

"An integrated thesis may constitute an acceptable thesis for students registered on the following programmes: DPhil and MSc by Research Physical & Theoretical Chemistry, DPhil and MSc by Research Earth Sciences, DPhil and MSc by Research Plant Sciences DPhil and MSc by Research Engineering Science, DPhil and MSc by Research Statistics, DPhil and MSc by Research Zoology."

1718-04-HUG

MPLS Divisional Board

Approved at the meeting of the Biological Sciences Steering Committee of 17 October 2017 and MPLS Division February 2018

Title of Programme/ Name of Regulation

Honour School Biological Sciences

Brief note about nature of change: minor amendment to assessment

Location of change

In *Examination Regulations 2017* http://www.admin.ox.ac.uk/examregs/2017-18/hsofbiolscie/administratorview/

Effective date

For students starting FHS Part A from MT 2018

Detail of change

Amend citation reference 1.6 as follows (new text underlined, deleted text struck through):

Candidates will be expected to show knowledge based on practical work. This requirement shall normally be satisfied by the examiners' assessment of the practical laboratory work ~~and Quantitative Methods classes work~~ done by candidates in Part I based on attendance records and/or marks awarded.

Amend citation reference 2.11 as follows (new text underlined, deleted text struck through):

All candidates shall be assessed as to their practical ability through their performance in three practical blocks ~~and in Quantitative Methods classes~~. The following provisions apply:

Amend citation reference 2.15 as follows (new text underlined, deleted text struck through):

The examiners will issue a list of candidates deemed to have completed Part I of the examination, in the form of the completion of the three written papers, and satisfactory performance in the three practical blocks ~~and Quantitative Methods classes~~.

Explanatory Notes

We propose to remove the QM course from the list of practical requirements. The QM course is now examined and double assessment is inappropriate. Recent changes means that the whole QM course is now examined.

1718-01-MUG

MPLS Divisional Board

Approved at the meeting in

Undergraduate Studies Committee in Engineering October 2017 and MPLS Divisional approval in November 2017.

Title of Programme/ Name of Regulation

Honour School Engineering Science

Brief note about nature of change:

- "Ethics, Safety & Risk, Sustainability" paper to change to Engineering in Society (Ethics, Safety & Risk, Sustainability) with the paper letter/number code "Paper B2E1".
- Entrepreneurship and Innovation (paper B2E) paper code to change from "B2E to B2E2".

Location of change

In *Examination Regulations 2017* http://www.admin.ox.ac.uk/examregs/2017-18/hsofengiscie/administratorview/

Effective date

Change to apply to the 2016/17 Honour School and thereafter i.e. these regulations apply to students on the EEM Pathway taking Part B from 2017/18 and thereafter

Detail of change

Part B

3.3 **[For students starting before MT 2016:** 3. Each candidate will be required to take:

- 3.4 a) Five optional written papers from Schedule B papers published on the Course WebLearn site.
- 3.5 b) Engineering Computation (paper B1).
- 3.6 c) Engineering Practical Work (paper B4). This will be examined through continuous

assessment. Candidates will not normally be required to submit their Engineering Practical Work. However, the examiners may request practical work from some candidates. Such candidates will be named in a list posted by the day of the last written examination.

- 3.7d) Either
  - 3.8i) Engineering in Society (paper B2), and Group Design Project (paper B3); or
  - 3.9ii) Entrepreneurship and Innovation (paper B2E2) as set out in Schedule A of the Honour School of Economics and Management, and Group Design Project with Entrepreneurship (paper B3E).

- 3.104. A limited number of places are available for candidates seeking to take papers B2E2 and B3E. Candidates wishing to take papers B2E and B3E must apply to the Associate Head (Teaching) by 5pm on Friday of Week 7 of Trinity term during their Part A. The procedure for application is described in the course handbook. Candidates who do not apply to take papers B2E2 and B3E, and candidates who apply to take these papers but are unsuccessful, shall be required to take papers B2 and B3.**]**

- 3.11**[For students starting from MT 2016:** 3. A limited number of places are available for candidates seeking to follow the entrepreneurship and management pathway through Part B. Candidates wishing to take this pathway must apply to the Associate Head (Teaching) by 5pm on Friday of Week 7 of Trinity term during their Part A. The procedure for application is described in the course handbook. Candidates who apply to follow this pathway and are successful shall be required to take the papers set out in paragraph 4. Candidates who do not apply to take this pathway, and candidates who apply to take these papers but are unsuccessful, shall be required to take be required to take the papers set out in paragraph 5.

- 3.124. Candidates who follow the entrepreneurship and management pathway will be required to take:
  - 3.13a) Four optional written papers from Schedule B papers published on the Course WebLearn site.

    3.14b) Engineering Computation (paper B1).

    3.15d) Engineering in Society(Ethics, Safety & Risk, Sustainability) (paper B2E1)

    3.16e) Entrepreneurship and Innovation (paper B2E2) as set out in Schedule A of the Honour School of Economics and Management

Explanatory Notes

To make it easy to refer to the Ethics, Safety & Risk, Sustainability paper as separate to the

B2 Engineering in Society paper, whilst also making it clear that these papers are connected in content, the department has amended the title of the Ethics, Safety & Risk, Sustainability paper to “B2E1 Engineering in Society (Ethics, Safety & Risk, Sustainability)”. To avoid further confusion, an additional “2” has been added to “B2E” to make it “B2E2” to confirm that B2E1 and B2E2 are both required B2 options for EEM Pathway students. This change will facilitate the entry for exams process for both students and academics.

1718-07-TUG

MPLS Divisional Board

Approved at the meeting of: Statistics Teaching Committee, Hilary Term 2018 and MPLS Division, Trinity 2018

Title of Programme/ Name of Regulation

Honour School of Mathematics & Statistics

Brief note about nature of change:

Change of location of information. Change to Part C unit requirements.

Location of change

In *Examination Regulations 2017*: http://www.admin.ox.ac.uk/examregs/2017-18/hsomathandstat/administratorview/

Effective date

For students starting from: FHS from Michaelmas term 2018

For first examination from 2018-19

Detail of change

1. Amend citation reference 1.1

~~In the following 'the Course Handbook' refers to the Mathematics and Statistics Undergraduate Handbook and supplements to this published by the Statistics Academic Committee.~~

2. Amend citation reference 2.17

Syllabus details will be published ~~in the Course Handbook~~ on the Department of Statistics' website by the beginning of the Michaelmas Full Term in the academic year of the examination for Part A.

3. Amend citation reference 3.7

The final list of units will be published ~~in the Course Handbook~~ on the Department of Statistics'

website by the beginning of Michaelmas Full Term in the academic year of the examination concerned, together with the following details.

4. Amend citation reference 3.10

Method of assessment. Details of methods of assessment for units delivered by other departments will be given elsewhere. Some options may require assessment by oral presentation. The ~~Course handbook~~ course webpages will indicate where such details will be specified.

5. Amend citation reference 4.15

The final list of units will be published ~~in the Course Handbook~~ on the Department of Statistics' website by the beginning of Michaelmas Full Term in the academic year of the examination concerned, together with the following details

6. Amend citation reference 4.19

Rules governing submission of any extended essay, dissertation or mini-project, including deadlines, provided that these shall always be submitted to the Chair of Examiners, Honour School of Mathematics and Statistics, c/o Examination Schools, High Street, Oxford. When submitting their Part C dissertation, candidates must submit both paper and electronic versions which must be identical. The latter may be used by the examiners to check for plagiarism. See ~~in the Course Handbook~~ the Department of Statistic's website for further details. In addition any submission on a mathematical unit must also be submitted to the Mathematical Institute's website, details will be included in the relevant Notice to Candidates.

7. Amend citation reference 4.12

(*b*) At least ~~one unit~~ two units should be offered from the schedule of 'Statistics' units.

Explanatory Notes

a) Regulations updated with change to location of syllabus for papers and location of schedules of units.

b) Regulations updated to be in line with agreed changes to weighting of Part C Statistics dissertation in 2017-18. In 2017/18 the weighting of the Part C Statistics dissertation was changed from, equivalent to, three units to, equivalent to, two units. When students were offering a three unit dissertation they were only expected to offer one unit from the schedule of 'Statistics units' now that the statistics dissertation has decreased in weighting it is expected that students will offer at least two units from the schedule of 'Statistics units'.

1718-13-TPT

MPLS Divisional Board

Approved at the meeting of

Computer Science Faculty 31st May 2018. MPLS Division Trinity 2018

Name of Regulation

MSc in Computer Science

Brief note about nature of change:

Change to permit electronic submissions.

Location of change

In *Examination Regulations 2017* http://www.admin.ox.ac.uk/examregs/2017-18/mosbcincompscie/administratorview/

Effective date

For students starting from MT 2018

For First Examination in 2018-19

Detail of change

1. Amend citation reference 1.14 as follows (new text underlined, deleted text struck through):

1.14 8. ~~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 should be submitted as follows:

Where a topic requires electronic submission candidates must upload an electronic copy of the completed assignment for each topic and, where applicable, associated source code, to the Assignments section of the Computer Science Weblearn site not later than noon on the date given in the Course Handbook.

Where a topic requires hard copy submission the completed assignment for each topic must be delivered not later than noon on the date given in the Course Handbook to the M.Sc. Examiners (Computer Science), c/o Examination Schools, High Street, Oxford.

The exact method of submission for each assignment will be specified in the Course

Handbook.

Not later than noon on the date given in the Course Handbook, practicals for all topics must be delivered to the M.Sc. Examiners (Computer Science), c/o the M.Sc Course Administrator, Department of Computer Science, Oxford.

Examinations for topics to be assessed by written examination will take place in Week 0 of the following term.

9. 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.

2. Renumber subsequent clauses.

Explanatory Notes

Change to format of submission of examined written assignment from hard copy only to allow either electronic or hard copy. (ii) The exact method of submission for each written assignment (either hard copy or electronic) will be detailed in the Course Handbook published at the start of MT18. (iii) To note the submission method for written assignments for each topic will be either electronic ONLY or hard copy ONLY.

Following the decision by the University's Education Committee to permit either electronic or hard copy submissions of examined work, these regulations are being updated to permit written assignments to be submitted via hard copy or electronically. The exact form of submission for each assignment will be specified in the Course Handbook published at the start of MT18. Where an assignment is to be submitted electronically the University's Education Committee approved Assignments tool will be used.

1718-14-TPT

MPLS Divisional Board

Approved at the meeting of: MSc in Mathematical and Computational Finance supervisory committee meeting HT18 and also via circulation of the course review panel on 22nd March 2018. MPLS Division Trinity 2018

Name of Regulation

MSc in Mathematical and Computational Finance

Brief note about nature of change:

Clarification of assessment requirements.

Location of change

In *Examination Regulations 2017*: http://www.admin.ox.ac.uk/examregs/2017-18/mosbcimandcompfina/administratorview/

Effective date

For students starting from: in 2018–19

Detail of change: 1.9

1. (v) Two courses in Financial Computing with C++ which will be assessed by two practical assessments ~~arranged~~ within the Department. The details will be specified in the Course Handbook on the Course Website.

Explanatory Notes

(i) The C++ courses will be assessed by practical assessments, rather than examinations

1718-11-TUG

Mathematical, Physical & Life Sciences (MPLS) Division

Approved at the meeting of 31-5-2017 (Faculty of Computer Science), changes also approved at JCCU 17th May 2018, and Undergraduate Supervisory committee 24th May 2018. MPLS Division June 2018.

FHS Computer Science & Philosophy, Part C

Brief note about nature of change:

(a) (i) Change to format of submission of examined mini-project from hard copy only to allow either electronic or hard copy. (ii) The exact method of submission for each written mini-project (either hard copy or electronic) will be detailed in the Course Handbook published at the start of MT18. (iii) To note: the submission method for written mini-project for each topic will be either electronic ONLY or hard copy ONLY.

Effective date

From MT 2018, for examination in 2018-19

Location of change

http://www.admin.ox.ac.uk/examregs/2017-18/hsocscieandphil/administratorview/

Detail of change

4.4The taught subjects in Computer Science shall be published in a schedule, C(CS&P), in a supplement to the Course Handbook by the beginning of the Michaelmas Full Term in the academic year of the examination concerned. Each such subject shall be examined by a written paper or by a mini-project and shall count as three units. The completed mini-project should be submitted as follows:

Where an optional subject requires electronic submission candidates must upload an electronic copy of the completed mini-project for each topic and, where applicable, associated source code, to the mini-projects section of the Computer Science WebLearn site not later than the date given in the Course Handbook.

Where a topic requires hard copy submission the completed mini-project for each optional

subject must be delivered not later than the date given in the Course Handbook to the Honour School of Computer Science, c/o Examination Schools, High Street, Oxford. The exact method of submission for each mini-project will be specified in the Course Handbook.

[For students starting before MT 2017: Each taught Philosophy subject shall be one of the subjects 101–120, 122, 124, 125, 127, 128 and 180 from the list given in Special Regulations for All Honour Schools Including Philosophy, and subject to the regulations therein. Each such subject shall be assessed by a 3-hour written examination together with an essay of at most 5,000 words, conforming to the rules given in the Course Handbook.] [For students starting from MT 2017: Each taught Philosophy subject shall be one of the subjects 101–120, 122, 124, 125, 127, 128 and 198 from the list given in Special Regulations for All Honour Schools Including Philosophy, and subject to the regulations therein. With the exception of 198, each such subject shall be assessed by a 3-hour written examination together with an essay of at most 5,000 words, conforming to the rules given in the Course Handbook. Subject 198, Special Subjects, may be examined by other methods and when this is the case, the method in question will be duly communicated to the relevant students.] Each such subject shall count as eight units. No candidate shall offer any taught subject that he or she has already offered in Part B of the examination. A Computer Science project shall be as specified for the Honour School of Computer Science, and shall count as nine units. A Philosophy thesis shall be as specified in the Regulations for Philosophy in all Honour Schools including Philosophy (subject 199) except that the thesis shall not exceed 20,000 words, and shall count as eight units.

Explanatory Notes

Following the recent decision by the University's Education Committee to permit either electronic or hard copy submissions of examined work, these regulations are being updated to permit written mini-projects to be submitted via hard copy or electronically. The exact form of submission for each mini-projects will be specified in the Course Handbook published at the start of MT18. Where an mini-projects is to be submitted electronically the University's Education Committee approved Assignments tool will be used.

As this is making an on-course change the department proposes to communicate to all candidates who have already entered the FHS (students starting from MT2017) to inform them of the change. It is felt that this change is beneficial to students as it will allow submission from outside of Oxford. This change has been discussed and approved by the JCCU.

1718-09-TUG

Mathematical, Physical & Life Sciences (MPLS) Division

Approved at the meeting of 31-5-2017 (Faculty of Computer Science), changes also approved at JCCU 17th May 2018, and Undergraduate Supervisory committee 24th May 2018. MPLS Division June 2018

FHS Computer Science, Part C

Brief note about nature of change:

(a) (i) Change to format of submission of examined mini-project from hard copy only to allow either electronic or hard copy. (ii) The exact method of submission for each written mini-project (either hard copy or electronic) will be detailed in the Course Handbook published at the start of MT18. (iii) To note: the submission method for written mini-project for each topic will be either electronic ONLY or hard copy ONLY.

Effective date

From MT 2018, for examination in 2018-19

Location of change

http://www.admin.ox.ac.uk/examregs/2017-18/hsofcompscie/administratorview/

Detail of change

4.1 In Part C of the examination, each candidate shall be required to offer five optional subjects from Schedule C1 in the Course Handbook, subject to the condition that no candidate shall offer any subject that he or she has already offered in Part B of the examination. Each optional subject shall be examined by a written paper or by a mini-project. The completed mini-project should be submitted as follows:

Where an optional subject requires electronic submission candidates must upload an electronic copy of the completed mini-project for each topic and, where applicable, associated source code, to the mini-projects section of the Computer Science WebLearn site not later than the date given in the Course Handbook.

Where a topic requires hard copy submission the completed mini-project for each optional

subject must be delivered not later than the date given in the Course Handbook to the Honour School of Computer Science, c/o Examination Schools, High Street, Oxford.

The exact method of submission for each mini-project will be specified in the Course Handbook.

In addition, each candidate in Part C of the examination shall also submit a project report.

Explanatory Notes

Following the recent decision by the University's Education Committee to permit either electronic or hard copy submissions of examined work, these regulations are being updated to permit written mini-projects to be submitted via hard copy or electronically. The exact form of submission for each mini-projects will be specified in the Course Handbook published at the start of MT18. Where an mini-projects is to be submitted electronically the University's Education Committee approved Assignments tool will be used.

As this is making an on-course change the department proposes to communicate to all candidates who have already entered the FHS (students starting from MT2017) to inform them of the change. It is felt that this change is beneficial to students as it will allow submission from outside of Oxford. This change has been discussed and approved by the JCCU.

1718-17-TUG

Mathematical, Physical and Life Sciences Division

Approved by the Department of Engineering in Hilary Term 2018 and MPLS Division Trinity Term 2018

Title of Programme

Honour School of Engineering Science

Brief note about nature of change: Change to structure of Engineering, Entrepreneurship and Management Pathway.

Effective date

For students starting FHS from MT 2017 (Part B MT 2018)

For first examination of Part B from 2018-19

Location of change

In the *Examination Regulations 2017,* http://www.admin.ox.ac.uk/examregs/2017-18/hsofengiscie/administratorview/

Detail of change

1. In Part B, amend citation reference 3.16 as follows (deleted text struck through, new text underlined).

(3.16) e) ~~Entrepreneurship and Innovation (paper B2E2)~~ Engineering Management and Strategy (paper B2E2) ~~as set out in Schedule A of the Honour School of Economics and Management~~

2. In Part C, amend from citation reference 4.4 as follows (deleted text struck through, new text underlined)

4. Candidates who follow the entrepreneurship and management pathway will be required to take either:

- six written papers from the options listed in Schedule C and published on the Course Weblearn site

  or

- four written papers from the options listed in Schedule C and published on the Course Weblearn site and Entrepreneurship and Innovation (paper CE1) as set out in Schedule A of the Honour School of Economics and Management. Candidates must have taken Engineering Management and Strategy (paper B2E2) in their third year in order to choose this option.

  or

- an equivalent approved collection of course options if taking part in an exchange scheme. Candidates taking part in an exchange scheme shall have the proposed set of papers to be taken in the host institution approved by the faculty by the end of Trinity full term before going on the exchange.

5. ~~Each candidate shall be required to offer~~ All other candidates will be required to take six written papers from the options listed in Schedule C and published on the Course Weblearn site or an equivalent approved collection of course options if taking part in an exchange scheme. Candidates taking part in an exchange scheme shall have the proposed set of papers to be taken in the host institution approved by the faculty by the end of Trinity full term before going on the exchange.

3. Renumber the remaining clauses in Part C accordingly.

Explanatory Notes

By re-ordering the material and making related changes to assessment requirements for students on the engineering, economics and management pathway, essentially by swapping the order in which the current courses are taught between the third and fourth years, we hope to improve the understanding of our students.

Change of paper name from Entrepreneurship and Innovation (paper B2E2) to Engineering Management and Strategy (paper B2E2)

1718-12-TUG

Mathematical, Physical & Life Sciences (MPLS) Division

Approved at the meeting of 31-5-2017 (Faculty of Computer Science), changes also approved at JCCU 17th May 2018, and Undergraduate Supervisory committee 24th may 2018. MPLS Division June 2018.

FHS Mathematics and Computer Science, Part C

Brief note about nature of change:

(a) (i) Change to format of submission of examined mini-project from hard copy only to allow either electronic or hard copy. (ii) The exact method of submission for each written mini-project (either hard copy or electronic) will be detailed in the Course Handbook published at the start of MT18. (iii) To note: the submission method for written mini-project for each topic will be either electronic ONLY or hard copy ONLY.

Effective date

From MT 2018, for examination in 2018-19

Location of change

http://www.admin.ox.ac.uk/examregs/2017-18/hsomandcompscie/administratorview/

Detail of change

4.1In Part C of the examination, each candidate shall be required to either offer six optional subjects from Schedules C1 and C2 in the Course Handbook and submit a Mathematics dissertation, or offer five optional subjects from Schedules C1 and C2 in the Course Handbook and submit a report on a Computer Science project, subject to the condition that no candidate shall offer any subject that he or she has already offered in Part B of the examination. Each optional subject in Schedule C1 shall be examined by a written paper or by a mini-project. The completed mini-project should be submitted as follows:

Where an optional subject requires electronic submission candidates must upload an electronic copy of the completed mini-project for each topic and, where applicable, associated source code, to the mini-projects section of the Computer Science WebLearn

site not later than the date given in the Course Handbook.

Where a topic requires hard copy submission the completed mini-project for each optional subject must be delivered not later than the date given in the Course Handbook to the Honour School of Computer Science, c/o Examination Schools, High Street, Oxford. The exact method of submission for each mini-project will be specified in the Course Handbook.

The manner of examining each subject in Schedule C2 shall be the same as that prescribed for the same subject in the Honour School of Mathematics. Each 'unit' in schedule C2 shall be regarded as equivalent to one subject in the examination, and each 'double unit' shall be regarded as equivalent to two subjects.

Explanatory Notes

Following the recent decision by the University's Education Committee to permit either electronic or hard copy submissions of examined work, these regulations are being updated to permit written mini-projects to be submitted via hard copy or electronically. The exact form of submission for each mini-projects will be specified in the Course Handbook published at the start of MT18. Where an mini-projects is to be submitted electronically the University's Education Committee approved Assignments tool will be used.

As this is making an on-course change the department proposes to communicate to all candidates who have already entered the FHS (students starting from MT2017) to inform them of the change. It is felt that this change is beneficial to students as it will allow submission from outside of Oxford. This change has been discussed and approved by the JCCU.

1718-06-TUG

MPLS Divisional Board

Approved at the meeting of: Statistics Teaching Committee

Title of Programme/ Name of Regulation

Honour School of Mathematics & Statistics

Brief note about nature of change:

(i) Change to progression requirements

(ii) change to outcomes for Part C

Location of change

In *Examination Regulations 2017*: http://www.admin.ox.ac.uk/examregs/2017-18/hsomathandstat/administratorview/

Effective date

For students starting from: FHS from Michaelmas term 2018

For first examination from Part C in 2020-2021

Detail of change

1. Amend citation reference 1.8

5.The Examiners shall ~~classify~~ assess and publish the combined results of the examinations ~~in~~ for Part A and Part B, and in respect of candidates taking the four-year course shall separately ~~classify~~ assess and publish results ~~in~~ for Part C. Candidates will have their outcomes determined in accordance with Part 17 of the Regulations for the Conduct of University Examinations, with candidates for Part A and B combined considered for Honours and candidates for Part C considered for the same outcomes as graduate taught programmes.

2. Amend citation reference 1.11

(*b*) In order to proceed to Part C, a candidate must achieve upper second class Honours or higher in

Parts A and B together, and must achieve an upper second class Honours or higher in Part B alone (as defined in the Examination Conventions).

3. Amend citation reference 1.14

A candidate on the four-year course adjudged worthy of Honours on both Parts A and B together, and who passes Part C may supplicate for the degree of Master of Mathematics in Mathematics and Statistics provided that the candidate has fulfilled all the conditions for admission to a degree of the University.

4. Amend citation reference 1.15

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 Part C, is permitted to supplicate for the Honours degree of Bachelor of Arts in Mathematics and Statistics 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 in Mathematics and Statistics; and provided in each case that the candidate has fulfilled all the conditions for admission to a degree of the University.

5. Amend citation reference 4.19

Rules governing submission of any extended essay, dissertation or mini-project, including deadlines, provided that these shall always be submitted to the Chair of Examiners, Honour School of Mathematics and Statistics, c/o Examination Schools, High Street, Oxford. When submitting their Part C dissertation, candidates must submit both paper and electronic versions which must be identical. The latter may be used by the examiners to check for plagiarism. See ~~in the Course Handbook~~ the Department of Statistic's website for further details. In addition any submission on a mathematical unit must also be submitted to the Mathematical Institute's website, details will be included in the relevant Notice to Candidates.

Explanatory Notes

a) The hurdle to proceed to Part C will be raised slightly. Currently, a candidate must achieve upper second class Honours or higher in Parts A and B together in order to proceed to Part C. Candidates will be required to obtain an upper second or higher in Part B alone, alongside upper second class Honours or higher in Parts A and B together, in order to proceed to Part C. A definition of what constitutes an upper second or higher in Part B alone will be added to the Examination Conventions.

b) Students are currently classified as either First/2.1/2.2/Third/Pass/Fail on the basis of their performance in Part C. Students will be awarded a Distinction/Merit/Pass/Fail on the basis of their performance in Part C.

1718-08-TUG

MPLS Divisional Board

Approved at the meeting of: MPLS Division Trinity Term 2017 and reconfirmed at Mathematics Teaching Committee on 28th February 2018 MPLS Division Hilary Term 2018.

Title of Programme/ Name of Regulation

Honour School of Mathematics

Brief note about nature of change:

(i) The dissertation will be made compulsory

(ii) Change to progression requirements

(iii) change to outcomes for Part C

Location of change

In *Examination Regulations 2017* : https://www.admin.ox.ac.uk/examregs/2017-18/hschoofmath/administratorview/

Effective date

For students starting from: FHS in 2018–19

For first examination from: Part C in 2020-21

1. Amend citation reference 1.8

5. The Examiners shall ~~classify~~ assess and publish the combined results of the examinations ~~in~~ for Part A and Part B, and in respect of candidates taking the four-year course shall separately ~~classify~~ assess and publish results ~~in~~ for Part C. Candidates will have their outcomes determined in accordance with Part 17 of the Regulations for the Conduct of University Examinations, with candidates for Part A and B combined considered for Honours and candidates for Part C considered for the same outcomes as graduate taught programmes.

2. Amend citation reference 1.11

(b) In order to proceed to Part C, a candidate must achieve upper second class Honours or higher in Parts A and B together, and must achieve an upper second class Honours or higher in Part B alone (as defined in the Examination Conventions).

3. Amend citation reference 1.14

A candidate on the four-year course adjudged worthy of Honours on both Parts A and B together, and ~~on~~ who passes 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.

4. Amend citation reference 4.9

Candidates ~~may~~ must offer 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 options'.

5. Amend citation reference 4.16

Rules governing submission of the dissertation, and any extended essay, ~~dissertation~~ or mini-project, including deadlines, provided that these shall always be submitted to the Chair of Examiners, Honour School of Mathematics, c/o Examination Schools, High Street, Oxford. In addition an electronic copy must be submitted to the Mathematical Institute's website, details will be included in the relevant Notice to Candidates. No part of any extended essay, dissertation or mini-project submitted may include work previously submitted for this or any other degree.

Explanatory Notes

A) The dissertation will be made compulsory.

B) The hurdle to proceed to Part C will be raised slightly. Currently, a candidate must achieve upper second class Honours or higher in Parts A and B together in order to proceed to Part C. Candidates will be required to obtain an upper second or higher in Part B alone, alongside upper second class Honours or higher in Parts A and B together, in order to proceed to Part C. A definition of what constitutes an upper second or higher in Part B alone will be added to the Examination Conventions.

C) Students are currently classified as either First/2.1/2.2/Third/Pass/Fail on the basis of their performance in Part C. Students will be awarded a Distinction/Merit/Pass/Fail on the basis of their performance in Part C.

1718-16-TUG

MPLS Divisional Board

Approved at the meeting of Physics Teaching Faculty Trinity Term 2018, MPLS Division Trinity 2018 and Education Committee July 2018

Title of Programme/ Name of Regulation

Honour School of Physics

Brief note about nature of change: major revisions to Part B syllabus

Location of change

(1) In *Examination Regulations 2018* http://www.admin.ox.ac.uk/examregs/2017-18/hschoofphys/administratorview/

Effective date

For students starting FHS from MT 2018, for first examination of Part B from 2019–20.

Detail of change

Amend citation references 3.1 – 3.33 as follows, new text underlined, deleted text struck through.

Part B for candidates on the three-year course

1. In Part B

(*a*) the candidate shall be required:

(i) to offer ~~four~~ three written papers on Physics, which must include B4 and B6, and

(ii) to submit to the Examiners such evidence as they require of the successful completion of practical work normally pursued during three terms in the academic year of the examination, and

(iii) to offer a written paper on one Short Option~~.~~, and

(iv) to offer either an industrial project or two additional papers/project options which must include at least one of B8 and B9, and

(v) to offer a project report on practical work or other work undertaken in the academic year in which the examination takes place on a subject approved by the Head of the Teaching Faculty of Physics or deputy.

~~(*b*) a candidate may also offer a written paper on a second Short Option, in which case the candidate need only submit evidence of the successful completion of practical work normally pursued during one and a half terms of the three terms specified in cl. 1(*a*)(ii).~~

~~(*c*) to offer a project report on practical work or other work undertaken in the academic year in which the examination takes place on a subject approved by the Head of the Teaching Faculty of Physics or deputy.~~

(~~d~~ b) candidates may be examined by viva voce.

2. The titles of the written papers/project options of cl. 1(*a*)(i) and (iv) respectively are given in the Schedule below. Their syllabuses shall be approved by the Faculty of Physics and shall be published in the Course Handbook not later than the beginning of Michaelmas Full Term for the examination three terms thence. ~~The four papers offered shall include B3, B4 and B6~~. Entry to options B8 and B9 is via application as outlined in the course handbook.

3. The list of Short Option subjects in cl. 1(a)(iii)~~, cl. 2~~ and their syllabuses shall be approved by the Faculty of Physics and shall be published in the Course Handbook not later than the beginning of Michaelmas Full Term for the examination three terms thence.

4. In cl. 1(a)(ii), practical work may be replaced by project work, if an appropriate supervisor is available. The subject, duration, and replacement value shall be approved by the Head of the Teaching Faculty of Physics or deputy, by the end of Michaelmas Full Term.

5. With respect to cl. 1(a)(iii) a candidate may take, as alternative to the written examination, an assessed course of instruction in a foreign language. A candidate proposing to take this alternative must have the proposal approved by the Head of the Teaching Faculty of Physics or deputy and by the Director of the Language Centre or deputy, by the end of the first week of Hilary Full Term. Approval shall not be given to candidates who have, at the start of the course, already acquired demonstrable skills exceeding the target learning outcomes in the chosen language.

6. With respect to subjects under cl. 1(a)(iii) a candidate may propose to the Head of the Teaching Faculty of Physics or deputy, not later than the fourth week of Michaelmas Full Term preceding the examination, another subject paper. Candidates shall be advised of the decision by the end of eighth week of that term.

Schedule

Physics (Part B)

~~Six papers, B1 to B6 as follows:~~

~~B1. Flows, Fluctuations and Complexity~~
~~B2. Symmetry and Relativity~~
~~B3. Quantum, Atomic and Molecular Physics~~
~~B4. Sub-Atomic Physics~~
~~B5. General Relativity and Cosmology~~
~~B6. Condensed-Matter Physics~~

Six written papers, B1 to B6, and two project options, B8 and B9, as follows:
B1 – Fluids
B2 – Symmetry and Relativity
B3 – Atomic and Laser Physics
B4 – Nuclear and Particle Physics
B5 – General Relativity
B6 – Condensed Matter Physics
B8 – Computational Project
B9 - Experimental Project

Part B for candidates on the four-year course

1. In Part B

(*a*) the candidate shall be required

(i) to offer five ~~six~~ written papers/project options on Physics, which must include B4 and B6, and

(ii) to submit to the Examiners such evidence as they require of the successful completion of practical work normally pursued during the three terms preceding the examination, and

(iii) ~~to submit to the Examiners such evidence as they require of the successful completion of practical work normally pursued during the three terms preceding the examination, and (iii)~~ to offer a written paper on one Short Option, and

(iv) to offer a project report on practical work or other work undertaken in the academic year in which the examination takes place on a subject approved by the Head of the Teaching Faculty of Physics or deputy.

~~(b) A candidate may also offer a written paper on a second Short Option, in which case the candidate need only submit evidence of the successful completion of practical work normally pursued during one and a half terms of the three terms specified in cl. 1(a)(ii).~~

2. The titles of the written papers/project options of cl. 1(*a*)(i) are given in the Schedule below. Their syllabuses shall be approved by the Faculty of Physics and shall be published in the Course Handbook not later than the beginning of Michaelmas Full Term for the

examination three terms thence. Entry to options B8 and B9 is via application as outlined in the course handbook.

3. The list of Short Option subjects in cl. 1(a)(iii)~~, 1(b)~~ and their syllabuses shall be approved by the Faculty of Physics and shall be published in the Course Handbook not later than the beginning of Michaelmas Full Term for the examination three terms thence.

4. In cl. 1(a)(ii), practical work may be replaced by project work, if an appropriate supervisor is available. The subject, duration, and replacement value shall be approved by the Head of the Teaching Faculty of Physics or deputy, by the end of Michaelmas Full Term.

5. With respect to cl. 1(a)(iii) a candidate may take, as alternative to the written examination, an assessed course of instruction in a foreign language. A candidate proposing to take this alternative must have the proposal approved by the Head of the Teaching Faculty of Physics or deputy and by the Director of the Language Centre or deputy, by the end of the first week of Hilary Full Term preceding the examination. Approval shall not be given to candidates who have, at the start of the course, already acquired demonstrable skills exceeding the target learning outcomes in the chosen language.

6. With respect to subjects under cl. 1(a)(iii) a candidate may propose to the Head of the Teaching Faculty of Physics or deputy, not later than the fourth week of Michaelmas Full Term preceding the examination, either to offer another subject paper, or to offer instead a written account of extended practical work, in addition to that specified in cl.1(a)(ii). Candidates will be advised of the decision by the end of eighth week of that term.

Schedule

Physics (Part B)

~~Six papers, B1 to B6 as follows:~~

~~B1. Flows, Fluctuations and Complexity~~

~~B2. Symmetry and Relativity~~

~~B3. Quantum, Atomic and Molecular Physics~~

~~B4. Sub-Atomic Physics~~

~~B5. General Relativity and Cosmology~~

~~B6. Condensed Matter Physics~~

Six papers, B1 to B6, and two project options, B8 and B9, as follows:

B1 – Fluids

B2 – Symmetry and Relativity

B3 – Atomic and Laser Physics

B4 – Nuclear and Particle Physics

B5 – General Relativity

B6 – Condensed Matter Physics

B8 – Computational Project

B9 - Experimental Project

Explanatory Notes

The changes implement the structure and syllabus of the new 3rd year (Part B) of the physics course. All papers save two are now optional, and the course now features the optional experimental and computational projects. The syllabus was revised to allow greater in-depth teaching rather than an increase in content and to ensure a stronger focus on the importance of experimental work. The option to replace practical work with a second short option at Part B was removed. The changes also correct a clause that was mis-numbered.