# Mathematical, Physical, and Life Sciences Division

Approved at the meeting of:
Faculty of Materials HT2020 week 6 (24 February 2020), Chairs action approval in Trinity term 2020

## Title of Programme
Honour School of Materials Science

## Brief note about nature of change
The planned changes to the 2nd year of the FHS programme include (i) a revision to the way the practical classes are assessed, replacing the requirement for substantial written reports on eleven practicals with lengthier, more detailed reports for three practicals and brief assessment via the student’s lab notebook for the remainder of the set, and (ii) modified titles for the four written papers which are examined at the end of the 3rd year, based on material delivered in the 2nd year.

## Location of change
In Examination Regulations 2019 [http://www.admin.ox.ac.uk/examregs/2019-20/hsofmatescie/]

## Effective date
For students starting from MT2020
For first examination from 2021-22

## Detail of change
Amend citation reference 1.30 as follows

1.29 (a) Materials Practical Classes

1.30 Candidates shall be required to submit a set of detailed reports of the practical work Reports of Practical Work in Materials and their Practical Class Notebook(s) completed over a period of three terms subsequent to the sitting of the First Public Examination. Such reports should be delivered to the Chair of the Examiners in the Honour School of Materials Science, c/o the Deputy Administrator (Academic) in the Department of Materials (or their deputy as nominated in the Course Handbook), not later than noon on Tuesday of the second week of Michaelmas Full Term in the year of Part I of the Second Public Examination. The Examiners shall have the power to require a practical examination of any candidate or to require further evidence, of any kind that they deem appropriate, of a candidate's practical work and ability.

Amend citation references 1.33 to 1.34

1.33 (c) Engineering and Society Entrepreneurship Coursework

1.34 Candidates shall be required to submit one piece of Engineering and Society Entrepreneurship Coursework, the details of which shall be stated in the Course Handbook. Three copies of the coursework shall be submitted to the Chair of Examiners in the Honour School of Materials Science, c/o Examination Schools, High Street, Oxford. Candidates will be required to upload the coursework to the FHS Assignments section of the Department of Materials Undergraduate WebLearn site not later than noon on the Monday following the end of Hilary Full Term in the year preceding the Part I examination. Each submission must
be accompanied by a declaration indicating that it is the candidate’s own work. The work must be the candidate’s own and the candidate shall sign and present with the work a detachable certificate to this effect. As an alternative to offering Engineering and Society Entrepreneurship coursework, candidates may either offer themselves for examination in a Supplementary Subject or complete an approved, assessed course of instruction in a foreign language.

Amend citation references 1.39 and 1.40:

1.39(f) Characterisation of Materials Coursework or Atomistic Modelling Coursework
1.40 Candidates shall be required to complete either a Characterisation of Materials course or an Atomistic Modelling course in the fourth and fifth weeks of Hilary Full Term in the year of the Second Public Examination, and subsequently to upload a portfolio of work from the course, as detailed in the Course Handbook, to the FHS Assignments section of the Department of Materials Undergraduate WebLearn site not later than 12 noon on Tuesday of the sixth week of Hilary Full Term. submit to the Chair of the Examiners in the Honour School of Materials Science, c/o the Deputy Administrator (Academic) in the Department of Materials (or their deputy as nominated in the Course Handbook), three copies of a portfolio of work from the course, as detailed in the Course Handbook. The work must be the candidate’s own and the candidate shall sign and present with the written report a detachable certificate to that effect. Each submission must be accompanied by a declaration indicating that it is the candidate’s own work.

Amend citation references 1.55, 1.56 and 1.58 to read as follows

(there are no changes to 1.25, 1.26 and 1.57; these lines are included below merely to put the changes in context)

1.25 The examination will consist of:

- 1.26 Four general papers of three hours each on the fundamental principles and engineering applications of the subject in accordance with the schedule below. The questions set in these papers normally will be such that candidates may reasonably be expected to answer a high proportion of them.

  1.55(a) General Paper 1: Structure and Transformations Lifecycle, Processing and Engineering of Materials
  1.55(b) General Paper 2: Electronic Properties of Materials
  1.55(c) General Paper 3: Mechanical Properties of Materials
  1.55(d) General Paper 4: Engineering Applications Structure and Thermodynamics of Materials

Explanatory Notes

Changes to Regulation lines 1.55, 1.56 & 1.58 to reflect the revised paper titles following a review of the detailed lecture course content of the FHS Programme: a review which has led to some restructuring of the four broad themes covered by each paper.

Change to Regulation line 1.30 to reflect the change in emphasis in assessment method for the practical classes.

Changes to Regulation lines 1.34 and 1.40 to reflect the change in mode of submission of the assessments to online.

These proposals were reported to the meeting of JCCU in HT 2020 and the students were supportive.