MATERIALS SCIENCE

This Engineering Council UK accredited four-year M.Eng programme provides a broad education in Materials Science, culminating in a substantial 8-month final year research project which carries a weighting of 0.3333 of the final degree mark. The qualifying examinations, taken at the end of year one, do not contribute to the final degree classification. Six written papers, taught in years two and three and examined at the end of the third year, carry a combined weighting of 0.5000 of the final degree mark. The remaining 0.1667 contribution to the final degree mark is derived from continually assessed coursework, comprising Practical Work, Industrial Visit Reports, a Team Design Project, Engineering & Society coursework (which may be substituted by a written paper selected from a Foreign Language Option, a History & Philosophy of Science Option or a Quantum Mechanics Option), and a choice between an Advanced Characterisation of Materials Module or an Introduction to Materials Modelling Module.

Please note that the marks reported on this transcript are percentages, they do not reflect the different weightings of the various units of assessment in calculating the year outcomes or the final degree mark. To determine the contribution of a particular unit of assessment to the total mark achieved simply multiply the percentage by the relevant weighting factor given below:

QUALIFYING EXAMINATIONS (PRELIMS):

Materials Science 1, 2 & 3 and Mathematics for Materials Science - each weighted 1.0

Reports of Practical Work in Materials - weighted 0.5

Reports of Crystallography Work in Materials and project work for Computing for Materials - each weighted 0.25

Maximum overall mark available = 500

FINAL DEGREE EXAMINATIONS (FHS):

Entrepreneurship Coursework or Foreign Language Option or Quantum Chemistry or History & Philosophy of Science - weighted 0.2

General Papers 1, 2, 3 & 4 and Materials Options Papers 1 & 2 - each weighted 1.0

Reports of Practical Work in Materials - weighted 0.6

Industrial Visit Reports - weighted 0.1

Team Design Project - weighted 0.5

Introduction to Modelling in Materials Science - weighted 0.3

Advanced Characterisation of Materials or Atomistic Modelling - weighted 0.3

Subject of Investigation weighted - 4.0

Maximum overall mark available = 1200