

Third Year Projects (~40 credits)

MEng Students

For a number of years the Royal Academy of Engineering has sponsored visiting professors of Design across the School of Engineering [Prof Ernie Irwin (Design), Prof Gary Acres (Sustainable Design), Prof Tony Marriott (Building Systems) and currently Prof Jan Baeyens (Systems Engineering)]. They have established a pattern of cross-department collaboration in design teaching which at its best involves students in real design projects in mixed-discipline teams for external clients. All students on programmes involving the Energy Engineering theme will therefore have an opportunity within their main disciplines to engage in such interdisciplinary team-based projects.

For example the project used in 2007/08 involved chemical and civil engineers in the design of a biomass energy generation facility for a major paper manufacturer and is typical of the sorts of project involved. The open-ended nature of these projects, and the in-depth research skills developed in order to complete them, means that although completed at third year they are set at level M.

BEng Students

All final stage BEng students engage in an individual research or design project of some depth. Those involved in the Energy Engineering programmes will be allowed to specialise in projects that relate to energy engineering. Such projects will be set at level H.