

## Chemical and Biological Engineering 2011/12

### Undergraduate Proposition Statement

#### When joining CBE:

- You will be joining one of the best departments in the country within a world-leading Engineering Faculty, part of one of the top universities internationally as judged by its strengths in teaching and research.
- You will benefit from recent and continuing investment in new teaching space, in modern research laboratories as well as in our brand new ideas space which provides students with an ideal environment in which to work and socialise.
- You will be given a personal tutor in your first year and keep the same tutor throughout your degree. Your tutor will provide both academic and pastoral support.
- You will receive a thorough grounding in broad based chemical engineering courses in years 1 and 2 and then have the opportunity to choose from a wide range of subjects in years 3 and 4.
- You will be part of a flexible structure which allows you to choose modules in Chemical Engineering, Chemistry and Biological sciences.
- You will be studying on courses which are accredited by the relevant professional bodies, the I ChemE and the Energy Institute, providing you with an internationally accepted educational basis for your future professional career.
- You will be taught by staff from a varied professional and cultural background preparing you to enter the global chemicals industry.
- You will be part of a growing department with a 'small department' feel where our friendly and approachable staff have regular contact with students.
- You will be taught by highly qualified, top quality academics from a wide range of subject disciplines (Materials, Chemistry, Biochemistry and Physics amongst others).
- Your teaching will be supported by postgraduate students who have a good understanding of the issues and problems that you may have as an undergraduate.
- You will have the opportunity to undertake projects which are closely aligned to industry.
- You will have access to visiting lectures from industry and many academic staff members who have strong industrial experience.
- You will be able to take part in related extra-curricular activities such as Engineers without Borders and the Science and Engineering Champions Scheme.
- You will have the opportunity to participate in 1<sup>st</sup> and 2<sup>nd</sup> year multidisciplinary projects where you will develop sustainable solutions for key issues in the third world and start to gain an awareness of how to plan your career.
- You will benefit from the high demand that there is for our graduates from industry and from the fact that Chemical engineers are the highest paid branch of the engineering discipline.
- You will be following in the footsteps of students who have shown that they are of the best by winning competitions such as the SET award for **“Best Chemical Engineering Student in the Country”**