



## M.Phil. in Advanced Chemical Engineering Practice

This unique one year, full time programme, based in the Department of Chemical Engineering, University of Cambridge, is for those seeking the advanced skills required by companies in which rapid change and interdisciplinary working is standard. Students will combine studies in advanced chemical engineering with essential aspects of business administration. A wide range of science-based elective courses is also available. Periods of academic research and industrial practice complement the programme.

The programme sets ambitious educational objectives for its graduates, including the development of:

- an advanced understanding of fundamental areas of chemical engineering, such as numerical methods and molecular aspects;
- an understanding of how discoveries and other ideas can be exploited effectively, including new company spin-outs, reorganisation of company structures, technology licensing, etc.;
- an ability to define, organise and undertake an academic research project within a specified period of time;
- professional skills whilst interacting with company personnel in order to obtain process information effectively and define optimal outcomes for the company.

The programme has been developed jointly by the University of Cambridge and the Massachusetts Institute of Technology (MIT), with the support of the Cambridge-MIT Institute.

Applications are now invited for 2006-2007 (closing date 30<sup>th</sup> April 2006). For further information, including details of entry requirements, how to apply, costs and funding, please visit <http://www.cheng.cam.ac.uk/graduate/mphil/>

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